RCT621.384 R27log
1994-1998
Logger's Bark, 1994-1998;1994-1998
W7DK Radio Club of Tacoma Library
Radio Club of Tacoma
Index #
590

MAY 23 2011

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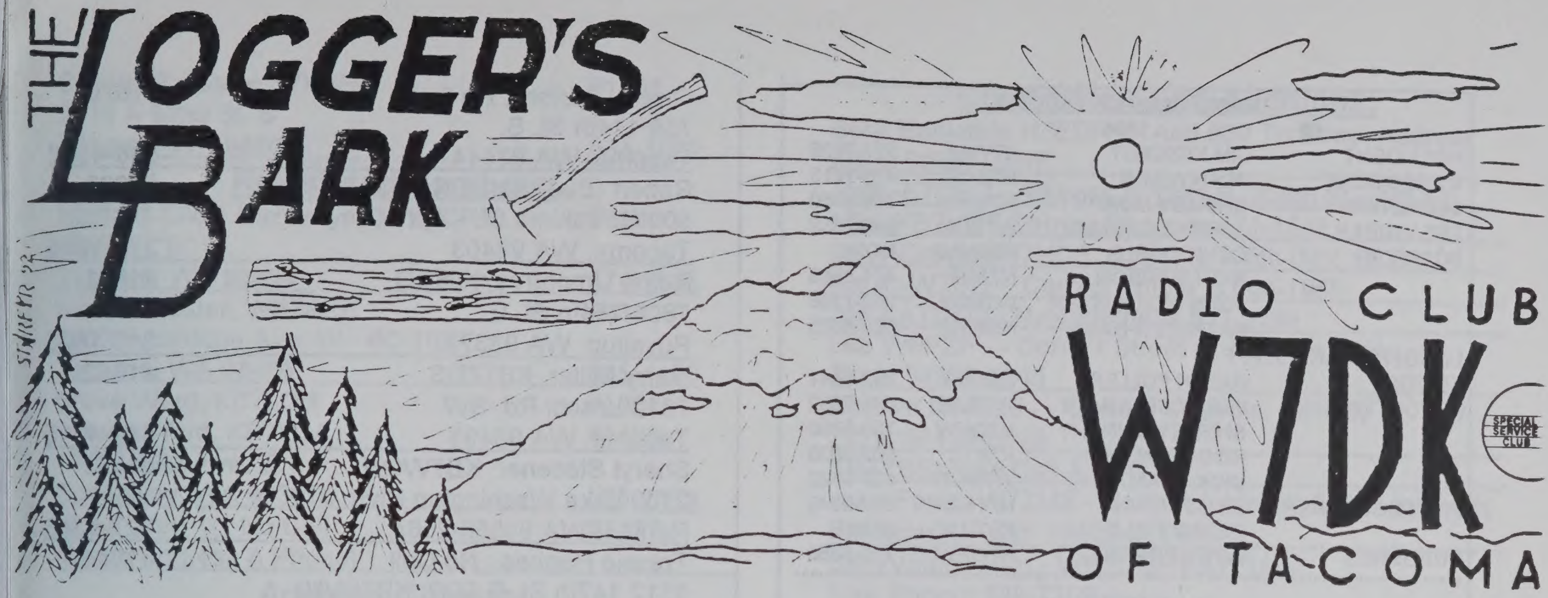

VOL. XXXI NR.1 W7DK JANUARY 1994

FROM THE PRESIDENT
by Jim K7YLM

I am honored to be your president for 1994. I want to express my thanks and appreciation for the fine work done by our past president, Kathleen, N0EYK. She is the best! I have a lot of hopes and plans for our club and all plans include you the membership. This is your club. I solicit your support, willingness and cooperation to make our club the best, most active, and most enthusiastic club in the country.

Attend all meetings possible, take an active part in all discussions, business and events presented by our officers and our board and be a part of everything. I know you will benefit from the many events we have planned. I am always open to your ideas and suggestions. Your thoughts and ideas provide the basis for a super year. Our club has many committees and new ones are being formed.

Get involved! Be a part of things. It is my goal to have our membership involved in all aspects of ham radio. It will be fun and I can assure you there will be many great rewards. As I look at our membership I am proud to say, "We are the Radio Club of Tacoma". Look out 1994 – Here we come.

FEB 19 - Radio Club of Tacoma Annual Banquet, Installation of 1994 Officers, and Awards Ceremony. Tacoma Elks Lodge. Social Hour - 6 PM. Buffet Dinner - 7 PM. See ***BANQUET*** on page 5.

COMING EVENTS

JAN 3 - Novice and Technician Classes begin at Clubhouse - 6PM - contact Bill Shimmin, W7GBC, 584-1086 for details or to register.

JAN 5 - Board of Directors meeting - 7:30 PM - at the Clubhouse - all members are invited.

JAN 12 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - Program: ***"Weak Signal Communications on VHF."*** Jim Sutton, WM7A, from Federal Way, will acquaint us with other and more challenging modes of VHF communications besides 2-meter repeaters. He will describe his activities on 6 and 2-meters using Tropospheric Scatter, Sporadic-E Skip, Auroral Propagation, and Meteor Scatter.

JAN 21-24 - ARRL VHF Sweepstakes Contest

JAN 26 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - Program: ***"A Basic Primer on Packet Radio. Part 1."*** A two-part program for the newcomer to Packet Radio. Tonight, introduction to packet, and choosing and installing equipment.

JAN 29-Feb 6 - ARRL Novice Roundup

FEB 9 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - Program: ***"A Basic Primer on Packet Radio. Part 2."*** Tonight, frequencies, nodes, node hopping, DX packet clusters, how to connect, and using mailbox and bulletin boards.

FEB 14 - License Exams - 6 PM - Clubhouse.

FEB 19 - See ***BANQUET*** on page 5..

FEB 23 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - Program: ***"All YL DXpedition to St. Pierre."*** ARRL Northwestern Division Vice Director Mary Lou Brown, NM7N, will present a slide program of the June 1993 visit to the French island by a group of lady hams. She will also discuss current regulatory issues affecting amateur radio.

RADIO CLUB OF TACOMA
1994

PRESIDENT	JIM KIRKREIT	K7YLM	927-7825
V PRESIDENT	ALAN ALLEN	N7EAY	475-7413
SECRETARY	SHIRLEY MURPHY	N7QHW	759-5350
TREASURER	JERRY SELIGMAN	W7BUN	845-7652
BOARD (4)	DENNY FIELD	KB7NAG	NONE
	RICH MANSON	N7ANF	474-8883
	JOHN MCALLISTER	W7MSR	952-7388
	KATHLEEN NACE	NØEYK	862-8635
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	DENNY FIELD	KB7NAG	NONE
PUBLISHER	W7DK PRESS	N7QHW	759-5350

****

CLUB MEETINGS

7:30 PM. PIERCE COUNTY LIBRARY DISTRICT CENTER 7:30 PM.
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411.

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, 1/2 the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Mail all articles and advertising to Ralph Fuller, KA7FIG, 8208 Southway SW. Tacoma, WA. 98498. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00 per issue. Advertising moneys help off set the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. The Loggers Bark does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in the Loggers Bark if credit line is included in the report.

THE LOGGERS BARK OFFICIAL PUBLICATION OF THE RADIO CLUB OF TACOMA IS PUBLISHED MONTHLY BY W7DK PRESS, PO BOX 11188 TACOMA, WA 98411. THE PUBLICATION IS MAILED FROM TACOMA, WA, 98411 UNDER 3rd CLASS BULK, NON-PROFIT ORGANIZATION, US. POSTAGE PAID TACOMA, WA. PERMIT #1078.

POSTMASTER SEND ADDRESS CHANGE TO THE LOGGERS BARK, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

NEW MEMBERS:

Stephen P. Shilley, No Call #1674
Nathaniel Shilley, No Call #1675
Jeremy S. Shilley, No Call #1676
4418 Rosedale St. NW - Apt #1
Gig Harbor, WA 98335 851-2768

Rick Cox, KB7TDK #1677
Robert Cox, KD4IFT #1678
419 S. 305th St.
Federal Way, WA 98003 941-3109

Guy K. Carlsen, No Call #1679
759 114th St. S.
Tacoma, WA 98444 536-4562

Robert (Bud) Sartin No Call #1680
509 N. Yakima St. - Apt 403
Tacoma, WA 98403 272-1085

Ralph Umphfres, KJ6CD #1681
7604 184th St. E.
Puyallup, WA 98373 846-1805

Garry Miller, KB7ZDS #1682
7812 Leschi Rd. SW
Tacoma, WA 98498 582-4315

Sheryl Stacener, KB7WQH #1683
2100 Lake Washington Blvd. #72
Renton, WA 98056-2564 227-9383

Tressie Hughes No Call #1684
9312 147th St. E.(XYL KB7SVU)
Puyallup, WA 98373 840-4947

Sherry Bown (XYL KA7UJX) #1685
10213 Holly LN. SW
Tacoma, WA 98499 581-0431

Pam Terjeson (XYL OF N7FIT) #1686
Steve Terjeson. No Call #1687
Brian Terjeson. No Call #1688
7185-116th St Ct E,
Puyallup, WA 98373 840-2800

Mark Selthofer, KB7ZFT #1689
35000 45th Ave. S.
Auburn, WA 98001 874-0503

Mark Tapper, KB7ZQM #1690
2426 SW 352nd #13
Federal Way, WA 98023 838-2983

Nana Downey, N7OIX #1691
2425 Carlsbad Ct.
Puyallup, WA 98374 845-9023

Gary W. Morris No Call #1692
18122 "A" St. Ct. E.
Sumner, WA 98390 862-4370

Scott R. Ojala No Call #1693
7404 Phillips Rd. SW
Tacoma, WA 98498 582-5447

Stephen Lee No Call #1694
4213 Harbor Ridge Rd. NE
Tacoma, WA 98422 952-3812

Irwin (Bud) G. Mitze, Jr No Call #1695
6710 81st St. SW
Tacoma, WA 98499 588-6844

Ric Pradel, N7UFB #1696
Tam Pradel No Call #1697
24826 16th Ave. S.
Des Moines, WA 98198 824-2683

Ken L. House, KB7SOU #1698
N. 3010 Lacey
Spokane, WA 99207 509/484-5135

Rufus Parker, KB7SLZ #1699
2027 Narrow Circle E. #141
Gig Harbor, WA 98335 858-3012

Steven Puvogel No Call #1700
P.O.Box. 1383 (KB7YCJ's Son)
Orting, WA 98360 893-5678

Steven R. Moore N7KBH #1701
2614 A 92nd St. S
Tacoma, WA 98409 984-1022

Reinstated Members:

Richard (Dick) Hazelmyer, WB7CRR #534
6513 E. "B" St.
Tacoma, WA 98404 474-1585

Kerry Webster, WB7AKE #830
2602 Westridge Ave. W - #C-103
Tacoma, WA 98466 565-4496

Steve Ward, KB7LOB #1356
Teresa Ward, KB7LOA #1463
17405 16th Ave. E.
Spanaway, WA 98387 536-2174

Mona Cree No Call #1237
(Same Address & Phone)

Address Change:

Dennis Jones, N7TZA
Rt 1, Box 9-1
Bowling Green, MO 67334-9767 314-324-9827

Brendan Keyport, N7UIE
1609 93rd St. E.
Tacoma, WA 98445-4143 531-5600

Steve Fribley, N9PKO
P.O.Box 73132
Puyallup, WA ,98373-0132 770-4301

Frank Schitoskey, KB7RYS
2213 S. 96th St - #818
Tacoma, WA 98444-1705 537-5276

Eric Olson, N7EPD
2009 Cascade Pl. W.
Tacoma, WA 98466 564-7714

Jim Stephens, KB7TZ
Dorothy Stephens, KG7WG
P.O.Box 45560
Tacoma, WA 98445 847-4067

Norm Behling, KA7PCN
P.O.Box 64123
Tacoma, WA 98464-4123 565-0725

Frank Billington, KG7HB
24327 204th Ave. Se
Maple Valley, WA 98038 631-3430

Frank Billington IV
828 Blackburn
York, NE 68467

Ken Turner, KB7ZQN (New Call And Address)
1327 Battersby Ave. Apt 1
Enumclaw, WA 98022-3632 825-5698

Lysle Fleming, KB7RBV
9109 81st St SW
Tacoma, WA 98498 581-2063

Ethel Devish, W7WLX
2010 S. Union #420
Tacoma, WA 98405-1067 752-3216

John Stewart, N7ZLH
614 Pierce Lane
Tacoma WA 98422 927-7571

Michael Garret, AA7KN
Moved - Left No Forwarding Address

Corrections And Additions:

Benji Benjamin N7EDR - - Add #39 To Street Address
Zip Is 98387-7867

Jack -K7DBU - Address Is 1921 E. 208th St - Apt 62

Mike KB7VNT Correct Phone Is 471-1545

Davy Crocket N7HCE Street Is 108th (Not 100th)

Hank -W7UD - Correct Phone Is 848-1965

Jim KA7UFO - New Phone Is 537-3799

Lee W6PZF - - Correct Street Is: 9th Ave. NW
Zip Is 98332-9648

Howard N7RHM - - Correct Street Is: Fairway Dr. SW
Zip Is 98498-5928

KB7YBR: New Call AA7AI

John Foster W7ZMZ - Correct Address: 6020 Highlands Parkway N. - Zip: 98406-2154

Skip/Valerie Hirn - WB7UDF/KA7FLH -
New Phone: 589-7352

Clarence Johnson -NU7K -
New Phone: 927-5423

Bob/Karyl Edwards -N7HXX/N7KWF -
Change # To Apt.
New Phone: 377-8746 - Zip Is 98310-4475

New Honorary Members:

Joe Duncan No Call
Rene Smith No Call

New Life Members:

Hap Arnold, KB7UXD
Frank Billington, KG7HB
Ralph Fuller KA7FIG
Marie Fuller KA7HEG
Jerry Hathaway, K7ETU
Donna Hathaway No Call
John Mcallister, W7MSR
Roger Nace, K7AYC
Kathleen Nace, NØEYK
"Nick" Olson, N7BCV
Margaret Syverson, KA7RUG
Mark Terjeson, N7FIT
Pam Terjeson No Call
Steve Terjeson No Call
Brian Terjeson No Call
Harry Wong, N7DOE

VE TESTING

The Maple Valley Wireless Society will conduct an all License examination the Third Tuesday of each month,and shall begin 7pm, promptly at the Auburn Fire Station located at 1101 "D" Street NE, Auburn WA

Should you like more information on how you might participate, call **Bill / W7GBC**, 584-1086, or **Ralph / KA7FIG**, 582-5841.

Walk-ins are always welcome.

RACES ARES

By Shirley, N7QHW

The current organization of the Pierce County Emergency Communication Services (PCECS) for both R.A.C.E.S. and A.R.E.S. divides the county into Zones by geographical outlines and three districts, each of which is composed of a zone or zones. Zone is used by Pierce County Department of Emergency Management as an identifier for drop areas for supply purposes, etc., in the event of a disaster. For management purposes, three districts have been identified for the county. District West which consists of Zone 1; District Central which consists of Zones 2,3, and 4; and District East which consists of Zones 5 and 6. Each zone has a manager who is the person that you as a member would be in contact with on a regular basis.

In addition to Zone Managers, there are specialty areas which have their own manager. These are the Emergency Bus, Hospitals, TAC ONE, Water/River and Public Service Events.

The following is a list of the District Coordinators, Zone Managers, geographical areas and managers for the specialty areas. Feel free to contact any of them if you have any questions.

District West
Coordinator Jan Paterson, N7QHU 265-6551
Zone1 Manager (Gig Harbor/Key Peninsula)
Mac Parks, W6NBD 858-6468

District Central
Coordinator Howard Young, N7RHM 584-5470
Zone 2 Manager(So Tacoma/Lakewood)
Howard Young, N7RHM 584-5470

Zone 3 Manager (Tacoma/Puyallup)
Paul Robertson, N7WGU 752-0205

Zone 4 Manager (NE Tacoma)
Irene Jolly, KB7IGW 927-5793

District East
Coordinator Craig Price, N7KME 897-8288
Zone 5 Manager(Parkland/Spanaway/Eatonville/Graham)
Dave Burke, N7PKG 847-0458

Zone 6 Manager(Buckley, Orting, E County)
Tom Heintz, KB7JUJ 829-1879

Base Station Manager	Eva Anderson, WB7QNS	564-8347
Hospitals	Candace Plumlee, KB7KJX	752-5077
Bus	Bud Bush, N7HKS	474-2804
TAC ONE	Sam Roe, KB7QQQ	845-1832
Water/River	Don Kloepfel, N7MJD	893-6727
Public Service	Irene Jolly, KB7IGW	927-5793

Each manager holds a simplex net each week for their members. Feel free to check into the net for your area. The net, day, time and frequency follow.

Zone Net	Day	Time	Frequency
Zone 1	Mon.	1900	145.350R
Zone 2	Tues.	1830	146.460S
Zone 3-4	Tues.	after PC net	145.530S
Zone 5	Tues.	1845	146.430S
Zone 6	Tues.	after PC net	146.490S
Hosp.	2nd Mon	1930	145.370R

The Pierce County Emergency Services Net is held each Tuesday at 7:00PM on the 145.37MHz WC7AAO repeater and on the 442.45MHz KE7LE repeater. You may check into the net on whichever repeater works the best for you. Please join us on the net on Tuesdays and hear about what is happening.

If you would like additional information or wish to obtain an application to join Pierce County Emergency Communication Services, you may contact any of the following people.

Jan Paterson, N7QHU 265-6551
Pierce County R.A.C.E.S. Radio Officer

Craig Price, N7KME 897-8288
Pierce County A.R.E.S. Emergency Coordinator

Shirley Murphy, N7QHW 759-5350
A.R.E.S. District Emergency Coordinator for District 3(Pierce/Thurston County)

Applications are also available at the RCT regular meetings on the second and fourth Wednesday of each month from Shirley, N7QHW.

73 Shirley, N7QHW

NEWS FROM ARRL AND WESTLINK REPORT

de W7BUN

The next space shuttle SAREX flight, STS-60, is scheduled for January 27th. Several members of the 6-man crew are studying for amateur licenses. Mission Specialist Sergei Krikalev is a veteran of the Russian MIR space station and has swapped his UZ3AK call for U5MIR. Several U.S. and Russian schools have set schedules with STS-60 using robot packet mode for most of the flight with voice operation by the crew as time permits.

The FCC has proposed that amateurs be able to choose their own call signs, as soon as a new automated processing system is in place at the Commission's Private Radio Bureau. Under the proposed system, amateurs wishing to apply for an available call sign would be required to file a form and pay a fee. The new PRB computer might eventually allow amateurs to check for the availability of call signs and allow electronic filing of applications. Sources in the FCC suggest that it may be mid-year before the program is approved and implemented, and the fee could be as much as $70.

The FCC has expanded Novice Class privileges on the 222 MHz band. The new rules authorize Novice operation in the entire 222-225 MHz band. Novices still will not be able to be control operators of repeaters on the 222 and 1240 MHz bands. Also on the 222 MHz band, a weak-signal subband at 222.0-222.15 MHz will be created. All repeater operation in this subband will have to cease by February 1st.

The FCC has now issued a Notice of Proposed Rule Making, RM-8288, to grant temporary operating authority to unlicensed persons who pass the examination for a new amateur operator license. The Commission said it believes that this procedure would reduce the approximately 11,000 inquiries it receives each year from amateur license applicants about the status of their applications. The ARRL is opposed to implementing this system, since it feels that only the FCC should issue a federal license, and the Commission should instead apply their resources towards reducing the excessive application processing time and rush implementation of electronic filing with immediate license issuance.

A totally new FCC Form 610 is about to be issued. Among the significant changes, the new 610 does away with all the boxes for the administering VE's report. Also eliminated is the station location and the Novice VE certification. The new 610 replaces the March 1992 version, which can no longer be used after the new version is available to the public.

Ramon Batista, CO8BA, and sixteen others are now free of Cuban dictator Fidel Castro's tyranny thanks to the efforts of Florida-based Sociedad Internacional de Radio Afficianados. Batista held short discreet QSOs with stateside SIRA members to plan the escape. On November 22nd, he guided two 14 foot long rowboats out into the Caribbean. Then using a small 10-watt 40-meter transceiver, he contacted WA2HNO who called the U.S. Coast Guard which then joined in on the 40-meter frequency to guide a Panamanian freighter to intercept the refugees. Once in Florida they formally requested political asylum.

Due to the change from 5-year to 10-year license terms, no FCC licenses have expired in the past five years. Expirations will begin again in 1994. **CHECK YOUR LICENSE NOW!**

RCT ANNUAL BANQUET SET FOR FEBRUARY 1994

The Club's annual banquet, installation of 1994 officers, and awards presentations will be held at the Tacoma Elks Lodge in the lodge hall on Saturday, February 19th. Social hour will begin at 6 PM, a baron of beef and chicken buffet at 7 PM, presentations and awards at 8 PM, and dancing in the ballroom until 12:30 AM. The cost, including tax and gratuity, will be $15 per person. Tickets are available from Marilyn Olson, KB7PKH, at Club meetings, or call Marilyn at 845-8346. The Elks Lodge is at 1965 South Union Avenue just north of the Target Store near the Highway 16 overpass.

CODE PRACTICE

W7DK will be starting a code practice course on 10 meters 28.35 MHz at 7:00 pm on Tuesday January 4, 1994 for General Class and Thursday January 6, 1994 for Extra Class. Code practice will run through the months of January and February. Here is a way to work on that upgrade. Give it a try! Jim K7YLM

ACCIDENT & BODILY INJURY
LAW OFFICES OF
DOUGLAS K. SMITH, P.S.

(206) 471-1000
(800) 585-8500

AJ7Y

DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409

Now You Can Earn

A

"NO-CODE" AMATEUR RADIO LICENSE

FREE Class
for the
NEW Technician License

Sponsored by:

The Radio Club of Tacoma

Class starts Monday, Jan. 3, 1994

6:00 PM

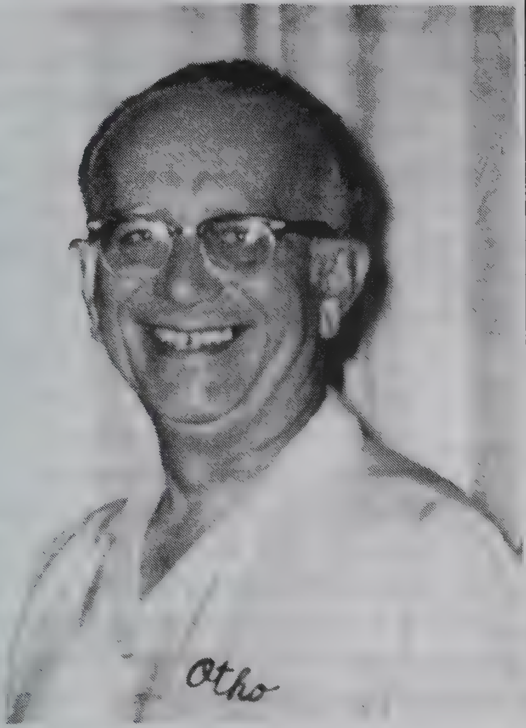
at the Clubhouse,
1249 South Washington

To Register, Call:

Bill Shimmin, W7GBC - 584-1086
or
Jerry Seligman, W7BUN 845-7652

Textbooks will be available at the class

In Remembrance



Otho "Smitty" Smith K7ATD

7-2-1917 to 11-29-93

Smitty joined RCT in 7-24-1957 #400 and was a member of the Quarter Century Wireless. He retired from Pittsburgh Plate Glass, Paint Division after 45 years.

Smitty served in WWII, belonged to, the Tacoma Elks #174, the Sunnyside Masons of Portland OR, volunteered for the Certified Ambulance for Pierce County, worked with Agency of the Aging, AARP as an Organizer 10yrs, Vice President of Pierce County 4 years and was very active in All Saints Episcopal Church.

Remembered by: 3 children, 5 grandchildren, 1 great-grandchild, 1 sister and 1 loving wife.

For all of us who knew and respected Smitty, K7ATD, the word "active" best describes the world of Otho Smith. Listed are the organizations Smitty officially belonged to, but what is difficult to say in words are the positive attitudes and friendliness that followed Smitty whereever he traveled. In the RCT Smitty was the quiet volunteer who was always there, whether it was cracking eggs at a Hamfair or a Mother's Day Breakfast. He helped younger Hams become involved with the hobby, just as he promoted working committees of All Saints Episcopal Church.

Perhaps Smitty's greatest legacy after family was his devotion and promotion of AARP. From early beginnings, Otho and friends created the very strong citizen lobby group in Pierce County. As more people reached the magical age of fifty AARP was there with a package of benefits to help with every need. Smitty promoted "active" membership in daily life.

GRADUATES OF FALL 1993
NOVICE/TECHNICIAN CLASS

DOUG BARRITT AND MEGAN BARRITT
3941 SW 329TH PL.
FEDERAL WAY, WA 98023

CLARENCE BURGESS
14925 114TH AVE. CT. E.
PUYALLUP, WA 98374

GUY CARLSEN
759 114TH ST. S.
TACOMA, WA 98444

RICK DOODY
1112 139TH ST. E.
TACOMA, WA 98442

FRED DOUGLAS
3837 N. WHITMAN
TACOMA, WA

JOHN EDWARDS
13614 110TH AVE. CT. E.
PUYALLUP, WA 98374

IDA GRAHAM
P.O. Box 617
TACOMA, WA 98401

BILL GREER
1502 16TH ST.
SUMNER, WA 98390

WAKEFIELD GREGG
916 REGISTER HALL, UPS
TACOMA, WA 98416

RANDI HALVERSON
5043 ½ S. YAKIMA
TACOMA, WA

MIKE HARRISON
14209 57TH AVE. NW
GIG HARBOR, WA 98332

SCHUYLER HOLSTON
7705 184TH ST. E.
PUYALLUP, WA 98373

RONALD JIMERSON
1127 E. 59TH
TACOMA, WA 98404

RON KLAUS
3811 "H" ST NE #4
AUBURN, WA 98002

LLOYD MAROHL
6221 S. PROSPECT ST.
TACOMA, WA 98409

LLOYD MATHISON AND PENE MODAHL
31320 LEBER DEVORE RD. E.
EATONVILLE, WA 98328

DON NEWMAN AND LINDA NEWMAN
P.O. BOX 278
BURLEY, WA 98322

JIM O'NEILL
901 N. LOCUST LN.
TACOMA, WA 98406

CHRIS OLSON AND BETTE OLSON
4307 ELWOOD DR. W.
TACOMA, WA

SHARON PERKINS AND MIKE SCIACQUA
627 7TH ST. SE
AUBURN, WA

TAM PRADEL AND
ZACH PRADEL
24826 16TH AVE.
DES MOINES, WA

LYNN PRESTWICH
11415 22ND AVE. E.
TACOMA, WA

CAROL REHM
7008 32ND ST. CT. W. 11-104
TACOMA, WA 98466

KEN SCHLAUDRAFF AND
KENNETH SCHLAUDRAFF
13306 91ST AVE. CTN. NW
GIG HARBOR, WA 98329

DOUG STEARNS AND
JASON STEARNS
23416 35TH AVE. CT. E.
SPANAWAY, WA 98387

MARGARET THOMASSON AND
NORMA THOMASSON
16432 32ND AVE. S.
SEATAC, WA 98188

LUKE UPTON AND JESSICA UPTON
P.O.BOX 98176
TACOMA, WA 98498

AL WALLES
5930 HANNAN PIERCE RD.
TACOMA, WA 98467

HERB WESTON AND BETTY WESTON
5924 N. 31ST
TACOMA, WA

LARRY WHALLON AND SANDRA WHALLON
7315 93RD ST. CT. E.
PUYALLUP, WA 98373

DALE ZELLER
15908 13TH AVE. CT. E.
TACOMA, WA 98445

Amateur Radio Exams in the Puget Sound Area as of December 22, 1993

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, Kirkland - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 10 AM - North Seattle Comm. College, Rm 3343, 9600 College Way N. - Contact Mike Mitchell, W7WHT, 282-1438, Seattle

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, Kent - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

2nd Tuesday - 6:30 PM - Everett - Cascad High School - 801 E. Casino Rd - Contac Larry Luchi, W7KZE, 355-7759, Everett

2nd & 4th Thursdays - 7:00 PM - Ft. Lewi Radio Club - Contact John Steele, KG7RX 491-4682, Olympia

2nd Saturday - 10 AM - Tukwila - Riverside Inn 14060 Interurban Ave, South - Contact Harr Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - Auburn - Fire Station 1101 D St NE - Contact Dave Barber K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - Ferndale - America Legion Hall, 5537 2nd Ave. - Contact Gene KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - Renton - Good Neighbo Center, 305 S. 43rd St - Contact Mik Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - Sultan - 10 AM - Sulta Elementary School - Contact Dave Axe, 793 2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM Aberdeen - Pearsall Center, 2109 Sumne Ave - next sessions - January 15, May 21 Contact Nick Bender, NX7W, 249-4671 Montesano

4th Tuesday - Stanwood - 6:30 PM - PU Building - Contact Don Jones, KO7I, 652 0248, Stanwood

4th Wednesday - 6:30 PM - Everett - Boein Activity Center, 6400 36th Ave. West Contact Dwayne Broderson, KG7WR, 542 0285, Seattle

4th Saturday - 10 AM - Marysville - Library 4822 Grove St. - Contact Loren Hole, KK7M 335-5258, Lake Stevens

4th Saturday - 9:30 AM - Bremerton - Room T 114, Technical Bldg, Olympic College Contact Dave Kleinschmidt, AA7IA, 698 9205, Bremerton

February 14 - Monday - 6 PM and March 26 Saturday - 10 AM - Radio Club of Tacom Clubhouse, 1249 So. Washington St Tacoma - Contact Jerry Seligman W7BUN, 845-7652, Puyallup

Semiannually - Saturday - 9 AM - Olympia Olympia Center - 222 Columbia North Contact John Steele, KG7RX, 491-4682 Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306-80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

25 YEARS AGO IN THE BARK - JAN 1969

Outgoing President Ed Coles, K7CZM (now a silent key), congratulated incoming President George Abbott, WA7BHH. Other officers for 1969 are: Vice President W7BUN, Secretary K7IND, Treasurer WA7AKW, and Board members W7AZI and W7OS (both now silent keys). Newly elected officers of the Women's Auxiliary are: President Rene Smith, Vice President Ethel Devish, Secretary-Treasurer Fay Monroe, and Board members Vivian Huntley and Marge Hazelmyer. The Radio Club's teenage auxiliary had an active month with a report on activities of 10 of its members.

101 attended the Club's annual Christmas dinner at the McChord NCO Club.

It was reported that the FCC had denied an ARRL request to keep the entire 6-meter band available to all amateur classes. Currently, some portions of the band are reserved for Extra and Advanced class licensees. The FCC has changed the Novice license from a one-year non-renewable to a two-year non-renewable term.

Steve Dightman, K7SSC, announced his engagement to Donna Selle. Our newly elected ARRL Northwestern Division Director, Bob Thurston, W7PGY (now a silent key), attended the last December meeting.

Club members are visiting their local state senators and representatives to discuss Senate Bill 32 which will reduce the fee for call letter license plates from $30 to $5.

RCT DUES FOR 1994

1994 dues for Radio Club of Tacoma membership are: Full Members - $20; Seniors (over 65 years of age) - $16; Students (up to 25 years old) - $10; Family Members (at the same address as a full member) - $4; Life Membership - $400 ($320 for Seniors)

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Rhoba C. "Mac" McKinley After Hours (206)531-5600
Mary D. "Dot" McKinley 24 Hr. Fax (206) 539-1453

We Need You!

THE W7DK PARTICIPATION PROGRAM

The Radio Club of Tacoma needs your help. The following is a list of committees which are being formed or expanded. If you would like to be a part of one or more of these activities contact Alan Allen 475-7413. The real work and fun of the Radio Club of Tacoma is done in the committees. Please help and join in the fun.

1. Publicity/Information
2. Phone Committee
3. Share a Ride (for all greater Tacoma)
4. Club Station Contests
5. Field Day
6. Bowling
7. Technical-Ham Help
8. Scholarship
9. Digital Communications
10. Hidden Transmitter Hunting
11. Mother's Day Breakfast
12. HF/VHF/UHF Antenna Installation/Training (picnic lunch served)
13. Reporters and Writers
14. Clubhouse Operations
15. W7DK Radio Equipment Maintenance
16. Repeater/Autopatch
17. DX Committee
18. Ladies' Group
19. Communications Training (parades, runs, etc.)
20. Assistance to New Hams
21. Emergency Services
22. Bulletin Board
23. Nets and Net Control
24. Demonstrations.

51 Candidates at December 18th License Exams

The Radio Club Volunteer Examiner Team administered 59 exam elements to 51 candidates at the license exams December 18th at the Clubhouse. 42 elements were passed for a pass rate of 71%. 39 candidates upgraded for an upgrade rate of 76%: 34 to no-code Technician, three to Technician with HF, one to General Class, and one to Amateur Extra Class (Malcome Maynard, KI7RZ). The next license examination sessions at the clubhouse will be Monday, February 14th at 6 PM, and Saturday, March 26th at 10 AM

220 Repeater for sale

220 Repeater 10-15 watt Output with
Duplexer, Coax and Antenna
2- IC37A'S, 220 Mobiles
1-IC03AT 1-IC3AT, 220 Hand Helds
1 Clegg, 220 Mobile
$2200
(will sell radios separately)
Call Bob, WA7ZZA, or Preston, W7PPW
1-206/243-0205

FOR SALE

ICOM IC-37A 440 MHz
LESS THAN 1 HOUR OPERATION
IN THE BOX
ICOM IC 3AT 220 MHz HANDHELD
BOTH RADIOS $375
CALL ED, KA7HZH, AT 1-824-3854 OR
DICK, W7RGD AT 627-0922

FOR SALE:

Kenwood TH-41BT 440 MHz Handi Talki - 1 watt - Thumb-wheel switch frequency entry - PL toneboard installed - with extra battery and wall charger - excellent condition - $150 or best offer.

CDE Ham-M rotor, control box, and approx. 50-75 feet of control cable - $110 or best offer.

Heathkit IO-12 oscilloscope - $20.

ME-26DU voltmeter - $20.

Optoelectronics 600 MHz frequency counter - $75 or best offer.

Kenwood TS-830S hf transceiver with microphone, SWR bridge, and speaker $600 or best offer.

Jerry, W7BUN, 845-7652

Request from the Fair

During the Fair, we took a request from a collector f
any old, foreign envelopes (stamps attached) that any
us might have stashed away. If you have any that yo
would like to give away, please send them to:

Yoji Kan
PO Box 2114
Woodinville, WA 98072

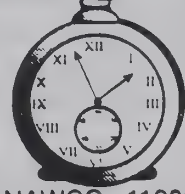
Thanks!

WANTED

WANTED FOR A REFERENCE LIBRARY DONATIONS OF AMATEUR RADIO MAGAZINES *"HAM RADIO", "CQ", "73"*.

ALSO OLD CALL BOOKS AND OLD QSL CARDS FOR A DISPLAY AT HAM FUNCTIONS.

CALL BOB HAGAR, KI7HW, 845-2300



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24 Hr	206 529-7384
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RADIO CLUB OF TACOMA, INC
MINUTES FOR REGULAR MEETING
NOVEMBER 24, 1993

The meeting of the Radio Club of Tacoma was called to order at 7:33 PM by Vice-President Jim Kirkreit, K7YLM, with 70 members and 6 guests present. A quorum is present to conduct official business.

ANNOUNCEMENTS:
12/1/93 RCT Board Meeting 7:30 PM at the Clubhouse
12/8/93 RCT Club Meeting--Program"Ham Radio in Honduras" 7:30 PM Pierce County Library Administrative Building at 112th & Waller Rd
12/12/93 Xmas Potluck at the RCT Clubhouse
12/18/93 License Exams 10:00AM RCT Clubhouse
12/22/93 RCT Club Meeting--Program"EME--Moonbounce" 7:30 PM Pierce County Library Administrative Building at 112th & Waller Rd
1/3/94 Novice-Tech Class begins at RCT Clubhouse
1/5/94 RCT Board Meeting 7:30 PM RCT Clubhouse
1/12/94 RCT Club Meeting--Program"VHF Weak Signal Communications"7:30 PM Pierce County Library Administrative Building at 112th & Waller Rd
1/26/94 RCT Club Meeting--Program "Beginning Packet" Part 1 of 2 7:30 PM Pierce County Library Administrative Building at 112th & Waller Rd

NEW CALLS AND UPGRADES: Congratulations to:

Upgrades	Bret, KB7YBR to Amateur Extra

HINTS & KINKS, TUNING & TRAFFIC, ETC.: Jim, K7YLM has copies of articles for another antenna and a list of short wave frequencies for those who like to listen. Mike Hazelmyer and Ron Chudy both enjoyed Sweepstakes a lot. The club station was used by Ron. Don, KB7GKB reached a station in China.

HEALTH AND WELFARE: Jerry, W7BUN reported that Len Byers, KB7UXH is a silent key. Apparently, Jerry, K7ETU is home from the hospital and recuperating.

TREASURER'S REPORT: by Jerry, W7BUN.

GENERAL FUND CHECKING	206.43
REPEATER/PACKET FUND CHECKING	1224.54
FLEA MARKET CHECKING	525.00
MURPHY FAVRE SAVINGS	11,681.40
SCHOLARSHIP MEMORIAL CD	1,968.27
CASH ON HAND	00.00
TOTAL ALL ACCOUNTS	15,605.64

MEMBERSHIP: There are 521 members for 1993 and 149 for 1994 as of this date.

MINUTES: Previous meeting minutes were available at the front of the room.

PROGRAM: The program for this evening was presented by Craig Price, N7KME, Pierce County Emergency Coordinator and Jan Paterson, N7QHU, Pierce County RACES Radio Officer. The subject for this evening is RACES/ARES organization, differences, contact persons, etc.. The presentation was very interesting and there were lots of good questions. We all thank Jan and Craig very much for coming out this evening amid the ice and snow to present the program for us.

LOGGER'S BARK: We will still be looking for volunteers to help in the process of assembling the bark and getting it ready for mailing. Contact Shirley, N7QHW if you can help.

LOGGER CONTACTS: Please turn in all Logger Contact lists to Ralph, KA7FIG and he will see that they get to the appropriate person.

MISCELLANEOUS: A reminder to all, each Saturday at 8:00AM there is a breakfast group that meets at McChord and all are welcome. There is also a group that meets for breakfast each Friday at 9:00AM at Meadowpark Golf Course and again, all are welcome.

CERTIFICATES: Certificates was given to Bob, KB7NBQ for the Antenna Wars for winning the "Excellence in Height" part of the contest.

NEW MEMBER CERTIFICATES: Certificates were given to Karen Burns, Robert Burns; Edward J Lochbihler; Michael Compton, KB7ZDR; Joni L Little, Duane V Little, Mark Rader; Donald P Pinson, KB7ZKY; JAMES J STAFFORD, KB7VQM; and Jon Nadeau, KB7YQT.

LOGGER CONTACT ENDORSEMENTS: Endorsements were given to Russell, KB7UXK; Eva WB7QNS(2) and Bob, N7QOZ.

LOGGER CERTIFICATE: A certificate is available for Bob Powers, KB7TQA for his initial contacts in the Logger Contact contest.

ADJOURNED: The meeting was adjourned at 8:55 PM.

Respectfully submitted,
Shirley Murphy, N7QHW, Secretary RCT

RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
DECEMBER 1, 1993

The Radio Club of Tacoma Board of Directors meeting was called to order at 7:48 PM by President Kathleen Nace, N0EYK. There were 7 board members and 9 guests present. A quorum is present for conducting official business.

TREASURER'S REPORT by Jerry, W7BUN.

General Fund Checking	1,169.96
Repeater/Packet Fund Checking	1,224.54
Flea Market Checking	525.00
Murphy Favre Savings	11,681.40
Scholarship Memorial CD	1,968.27
Cash on Hand	00.00
Total	16,569.17

MEMBERSHIP: As of this date, there are 523 paid members for 1993 and 169 paid members for 1994.

Jerry, W7BUN moved that upon the death of an honorary member of the Radio Club, the spouse be able to automatically assume the honorary membership if the spouse is currently an active Radio Club member at the time of the death. Seconded by Roger, K7AYC. MOTION PASSED UNANIMOUSLY.

Eva, WB7QNS will assess the membership and compile a list of potential members for honorary membership.

Jim, K7YLM moved we present to Kathleen, N0EYK a paid up Life membership for her past two years as President of the Radio Club. Seconded by Ray, W7KFN. MOTION PASSED with four for, two against and one abstention.

MINUTES: The minutes of the November 3, 1993 Board meeting were available.

CORRESPONDENCE: A letter was received from US West confirming that the telephone line has Permanent Line Blocking installed.

A letter/brochure was received regarding availability of Amateur Radio T-shirts. Copies will be made and placed on the clubhouse bulletin board for those who may be interested.

We also received information from Dayton Radio Club regarding Amateur of the Year nominations and also the availability of a $2000 Scholarship for graduating seniors who are amateur radio operators. Rob, K7TGU has a son who is an amateur and is graduating and has taken the information for him.

LIBRARY: Jerry, W7BUN reports that the current set of amateur radio books which was donated by the Radio Club are out of date and should be replaced. He suggests that we purchase the ARRL Library set for $120 and donate an up to date set. Ray, W7KFN moved the Radio Club two(2) ARRL Library book sets and donate one to the Pierce County Library and one to the Tacoma Library. Seconded by Mac, W7MSR. Discussion included that we should write in each book "Donated by Radio Club of Tacoma". MOTION PASSED UNANIMOUSLY.

Rich, N7ANF suggested the club investigate means and cost of putting a plaque on the flag that we donated to the Pierce County Library Administration Meeting Room. Rich volunteered to do this.

501 (c) (3): Ray, W7KFN reports that after reviewing the references, we are able to have 100% of the dues collected tax deductible for our members. The basis for this conclusion is listed in the attachment to the minutes. Jerry, W7BUN moved we adopt the statement recommended statement by Ray, W7KFN and add it to the application form. The statement is " The RCT Board has determined that 100% of members dues are tax deductible.". Seconded by Mac, W7MSR. MOTION PASSED UNANIMOUSLY.

It is also suggested that we add a comment in the bark about the advertising such as "Income earned by advertising is used to defray the costs of publication.". Income from ads should not exceed $1000 annually.

BARK: Shirley, N7QHW will work with Dick, W7RGD related to funds available for publication and mailing of the bark.

SCHOLARSHIP FUND: Jerry, W7BUN has investigated increasing the current CD to the $2500 level and reports that we will need to purchase a separate CD to do this. Ray, W7KFN moved we purchase another CD for the amount needed to bring the scholarship fund to $2500 and have it expire at the same time as the current CD so they can be combined at the point. Seconded by Mac, W7MSR. MOTION PASSED WITH 6 VOTES FOR AND ONE ABSTENTION.

MISCELLANEOUS: Ray, W7KFN has been putting together information and taking pictures of amateur stations in the hospitals for RACES/ARES and requests permission to use RCT letterhead for his letter to give the information to Candy, KB7KJX the Hospita Manager. Permission granted by the board.

Jerry, W7BUN reports the new antenna is intermittent so it needs to be checked before it is used.

Jerry, W7BUN reports there is considerable interference on the 147.28 repeater and is wondering if putting on VOX or looking into a finger printing device for the repeater would be beneficial. Mac, W7MSR will look into these possibilities.

JOB DESCRIPTIONS: Kathleen, N0EYK has passed out copies of the job descriptions as they have been revised to this date. She asks that each board member review and continue to revise as needed.

SWEEPSTAKES: Ron Chudy, WA7UQV worked the club station for this event and reports 378 QSO's in 73 sections for a total of 55188 points.

ADJOURNMENT: Meeting adjourned at 9:35 PM.

Respectfully submitted,
Shirley Murphy, N7QHW, Secretary, RCT

ATTENDANCE

President	Kathleen N0EYK
Vice-President	Jim K7YLM
Secretary	Shirley N7QHW
Treasurer	Jerry W7BUN
Board members	Mac W7MSR
	Ray W7KFN
	Roger K7AYC

Guests Judy, AJ7R; Rich, N7ANF; Alan, N7EAY; Denny, KB7NAG; Alan, KB7SVU; Mike, KB7VNT; Rob, K7TGU; Eva, WB7QNS; and Ken, WB7QNT

RADIO CLUB OF TACOMA, INC.
MINUTES FOR REGULAR MEETING
DECEMBER 8, 1993

The meeting of the Radio Club of Tacoma was called to order at 7:38 PM by President Kathleen Nace, N0EYK, with 72 members and 2 guests present. A quorum is present to conduct official business.

ANNOUNCEMENTS:
12/12/93 Xmas Potluck at the RCT Clubhouse
12/18/93 License Exams 10:00AM RCT Clubhouse
12/22/93 RCT Club Meeting--Program"EME--Moonbounce" 7:30 PM Pierce County Library Administrative Building at 112th & Waller Rd
1/3/94 Novice-Tech Class begins at RCT Clubhouse
1/5/94 RCT Board Meeting 7:30 PM RCT Clubhouse
1/12/94 RCT Club Meeting--Program"VHF Weak Signal Communications" 7:30PM Pierce County Administrative Building at 112th & Waller Road
1/26/94 RCT Club Meeting--Program "Beginning Packet" Part 1 of 2 7:30 PM Pierce County Library Administrative Building at 112th & Waller Rd

NEW CALLS AND UPGRADES: Congratulations to:
Upgrades Bret, AB7AI to Amateur Extra
(was KB7YBR)

HINTS & KINKS, TUNING & TRAFFIC, ETC.: Bret, AB7AI asks for clarification of the call to be used when using the clubhouse station. Mac, W7MSR and Jerry, K7ETU both stated that when operating from the club station the W7DK call should always be used because it is the station that is licensed at the clubhouse. When operating the station, it is permissible to say your own call as the operator of the W7DK station. Jery also reminds everyone to fill in the log so QSL cards can be done and/or verified.

Frank, KG7HB has put together a computer with the SAM call sign database program on it and it will be in the care of Denny, KB7NAG. It will be available at the clubhouse on weekends for the members to use if they wish. Mac, W7MSR donated the shell for the computer and Jim, K7YLM provided the SAM program and Frank, KG7HB provided the rest. A big thank you to each of them for their contribution.

Jerry, W7BUN reminds everyone of the Friendship Award available for ARRL members. You must be an ARRL member, contact 26 people that have a different letter of the alphabet as the last letter in their call to win a Friendship Award.

HEALTH AND WELFARE: Kathleen, NOEYK reports that Otho Smith, K7ATD is deceased and his services were last Wednesday.

TREASURER'S REPORT: by Jerry, W7BUN.

GENERAL FUND CHECKING	567.46
REPEATER/PACKET FUND CHECKING	1224.54
FLEA MARKET CHECKING	525.00
MURPHY FAVRE SAVINGS	11,181.40
SCHOLARSHIP MEMORIAL CD	1,979.96
CASH ON HAND	0.00
TOTAL ALL ACCOUNTS	15,478.36

MEMBERSHIP: There are 525 members for 1993 and 210 for 1994 as of this date.

MINUTES: Previous meeting minutes were available at the front of the room.

PROGRAM: The program for this evening was presented by Javier Pineo, HR1JPT who resides in the Honduras. He shared with us the process for getting licensed in the Honduras and some of the radio activities. He also said that there is no Morse code requirement for any of the amateur bands but they will be learning it anyway. He also let us know a little about the Honduras life style and costs of living. They will be having an expedition from an island off the coast and invite amateurs to come and participate. A very interesting and entertaining program was presented this evening.

The Radio Club donated an ARRL Morse code tape to Javier to take home to help them learn the code.

LOGGER CONTACTS: Please turn in all Logger Contact lists to Shirley, N7QHW and she will see that they get to the appropriate person.

LOGGER DAYS: Gordon, KB7OIM presented certificates to the following people who participated in Logger Days. Tom Stanley, KB7VOO; Lou Hansen, KA4SWL; Brendon Keyport, N7UIE; Denny Field, KB7NAG; Jerry Seligman, W7BUN and himself Gordon Carpentar, KB7OIM. Jerry, W7BUN had the highest number of contacts.

RACES/ARES: Shirley, N7QHW reminds everyone that the Emergency Bus, TAC ONE and ESAR VAN will be at CAP building at Thun Airfield this Saturday, December 11, 1993 from 10AM to 3PM for those who are interested and need to have some orientation for the vehicles.

MISCELLANEOUS: Kathleen, N0EYK reminds everyone to come to the Xmas Potluck on December 12, 1993 at the clubhouse. Bring a salad or dessert. Also, be sure to come by the clubhouse on Saturday, December 11, 1993 and help with the cleanup.

Mac, W7MSR has copies of some information on getting into packet for those who are just beginning. For those already into packet, the information can be downloaded from the BBS.

NEW MEMBER CERTIFICATES: Certificates were given to Larry Martin, KD6TKY; new 1994 members Robert Cox, KD4IFT; Rick Cox, KB7TDK; and Dick Hazelmyer, WB7CRR.

LOGGER CONTACT ENDORSEMENTS:
Endorsements were given to Dick, W7RGD(2).

LOGGER CERTIFICATE: A certificate was given to Tom Stanley, KB7VOO and Jon Nadeau, KB7YQT.

ADJOURNED: The meeting was adjourned at 8:55 PM.

Respectfully submitted,
Shirley Murphy, N7QHW, Secretary RCT

January 1994

HAPPY NEW YEAR!

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1 PINOCH POTLUC Clubhous 7pm # HARVEY-N7YD *New Year's Day*
2 # JOHN -N6FUS #MAC'-W7FAB # DALE -N7TEO	3	4 147.28 NET 7:30 PM ---------------- # JULIAN-W7DXI #TRENT' N2OBM	5 Board Meeting Club House 7:30 pm. # TOM'-WV7V # LEE -N7QWG	6	7 #STEPHEN GORHAM	8
9 #DON'-K7LMN	10 # LAURA CALEY # DEANNA-N7WHC	11 147.28 NET 7:30 PM ---------------- #RUSS'-KB7UXK	12 W7DK MEETING Library 112 St.E.& WALLER RD. 7:30pm	13	14 # RAY -W7KFN #ED'-KA7HZH # CHUCK-WB7WOU	15
16 # PHIL -N7QIC #MIKE'- N7YAJ	17 *Martin Luther King, Jr.* #MARV'-KG7V #WILL'-WA9RMK # JOHN -W7ZMZ	18 147.28 NET 7:30 PM ---------------- MVWS VE TESTS Ladies Organization meeting - CLUBHOUSE 7pm	19	20 *LOGGER'S BARK *DEADLINE**	21 ARRL VHF SS CQ WORLD-WIDE 160m DX CONTEST # 'AL'-WA7DUK	22 ARRL VHF SS CQ WORLD-WID 160m DX CONTEST
23 ARRL VHF SS CQ WORLD-WIDE 160m DX CONTEST # JEAN -WA7OII # PRASAD-N7RGL #STAN'-KA7UJX	24 LADY'S PINOCHLE CLUB-HOUSE NOON ARRL VHF SS CQ WORLD-WIDE 160m DX CONTEST #LEN'-WA7HHI #DAVE' WOODIN	25 147.28 NET 7:30 PM ---------------- # DON -KB7GKB # MIKE- KB7QOP	26 W7DK MEETING LIBRARY 112 St.E. & WALLER RD. 7:30pm	27	28 #BOB' -KI7HW	29 ARRL NOVICE ROUNDUP # SCOTT -KE7LE # FLOYD-N7WGK
30 ARRL NOVICE ROUNDUP	31 ARRL NOVICE ROUNDUP -> thru Feb.6th #LES' WB7QCI #DON'- KB7SPQ					

December 1993

S	M	T	W	T	F	S
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February 1994

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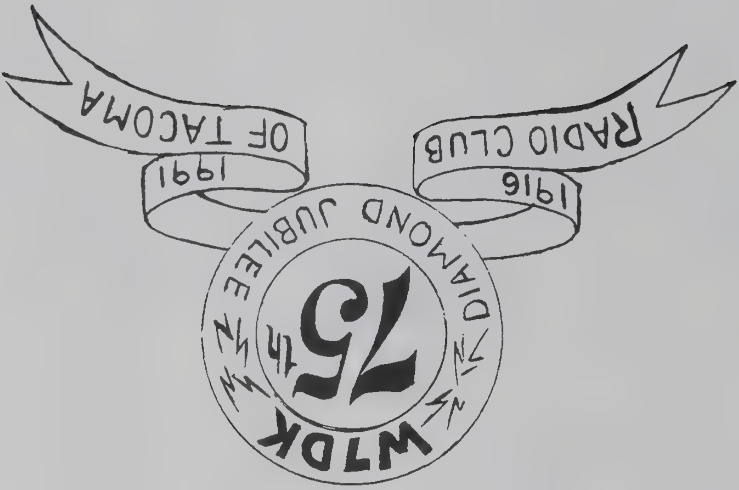
# Happy Birthday


RADIO CLUB OF TACOMA
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W7DK

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TACOMA, WA 98411

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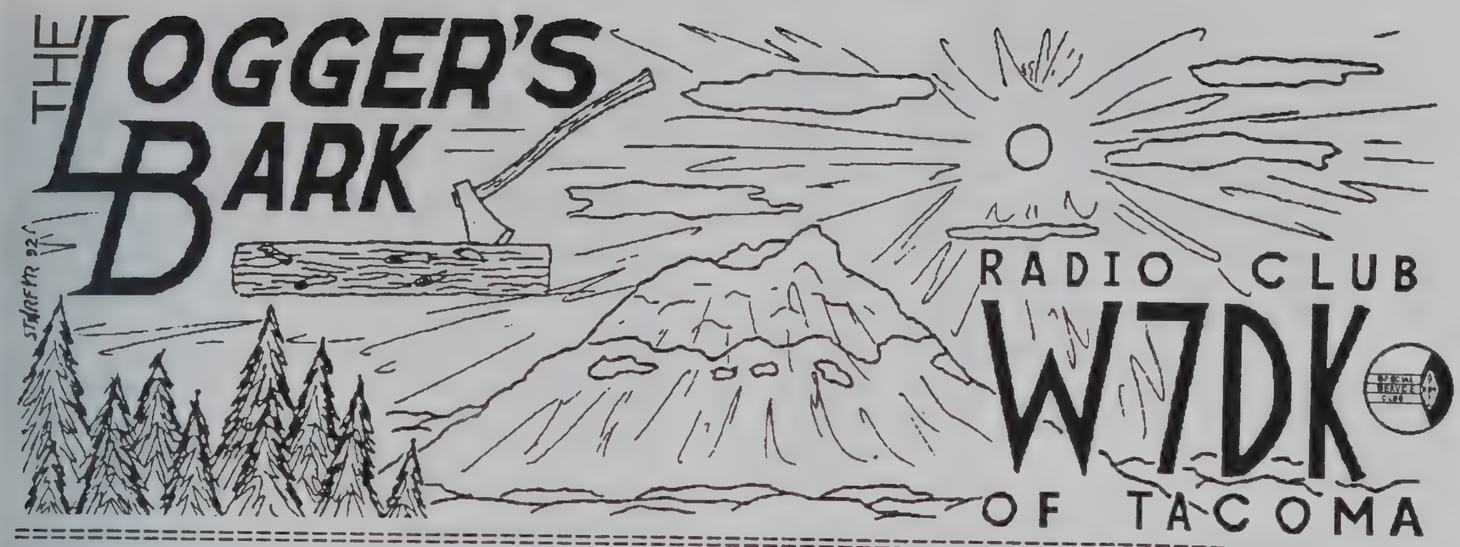
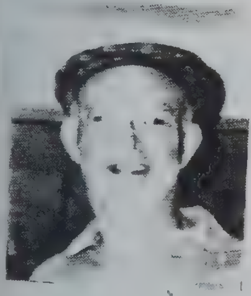


VOL. XXXI NR.2 W7DK FEBRUARY 1994

FROM THE PRESIDENT



Hi Gang, Just a few words this month about training. W7DK is currently sending code practice on 28.35 and 147.47 on Tuesdays (13 wpm) and Thursdays (20 wpm). Monday nights at the clubhouse classes are being taught for tech and tech plus. Soon classes will start at the clubhouse on how to solder, how to build power supplies, how to build small QRP transmitters and many small fun projects. Starting in the spring W7DK will have the first of four (maybe five) club training sessions at a number of different parks. We will learn how to put up most every type of antenna, put radios on the air, have short contests, win prizes and eat picnic food. Soon we will be conducting classes in contesting with our super club station and antenna. Packet training has started and in the near future all forms of digital communications will be taught. All projects will be hands on. The year has just started but the Radio Club of Tacoma is on its way. **Be a part of everything.** **Jim K7YLM**

LADIES LADIES LADIES

The start-up meeting of the former Womens Auxiliary of the Radio Club of Tacoma was held Wednesday, January 19, at 7PM at the RCT Club House with thirteen ladies in attendance. Many things were discussed and it was decided that an election of officers would be held at the next meeting of the **Ladies** on February, 16th [the third Wednesday of the month] at the RCT Clubhouse, 1249 S. Washington. Our Name, Bylaws, Goals, Objectives and future projects will be determined at that time.

All interested Ladies and Young Ladies are encouraged to attend. You need not have a ham License to be a member. We look forward to good times, accomplishments and goals achieved with many old and new friends.

On behalf of the Ladies Group, Marilyn Olson, KB7PKH

Editors Note. The Bark apologizes to the Ladies Group for not including their Start-up Meeting in the Calendar of Events and any other exclusion.

COMING EVENTS

FEB 2 Board of Directors meeting 7:30 PM at the Clubhouse all members are invited.

FEB 5 Pinochle/Potluck 7PM Club House

FEB 9 Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - Program: ***"A Basic Primer on Packet Radio. Part 2."*** Tonight, frequencies, nodes, node hopping, DX packet clusters, how to connect, and using mailbox and bulletin boards.

FEB 12-14 YL-OM Contest

FEB 14 License Exams 6 PM Clubhouse.

FEB 16 Ladies Organizational Night 7PM Club House

FEB 19 - Radio Club of Tacoma Annual Banquet, Installation of 1994 Officers, and Awards Ceremony. Tacoma Elks Lodge. Social Hour 6 PM. Buffet Dinner 7 PM.

FEB 19-20 ARRL International DX Contest CW

FEB 21 Technician Class Starts Clubhouse 6 PM

FEB 23 Club Meeting Library Center 112th & Waller Rd. - 7:30 PM Program: ***"All YL DXpedition to St. Pierre."*** ARRL Northwestern Division Vice Director Mary Lou Brown, NM7N, will present a slide program the June 1993 visit to the French island by a group of lady hams. She will also discuss current regulatory issues affecting amateur radio.

FEB 25-28 CQ World Wide 160-Meter DX Contest

FEB 28 Ladies Pinochle 12 PM Club House

MAR 9 Club Meeting - Library Center 112th & Waller Rd. - 7:30 PM Program: ***"How the ARRL Serves All Hams"***

MAR 26 License Exams 10 AM Clubhouse.

RADIO CLUB OF TACOMA
1994

PRESIDENT	JIM KIRKREIT	K7YLM	927-7825
V PRESIDENT	ALAN ALLEN	N7EAY	475-7413
SECRETARY	SHIRLEY MURPHY	N7QHW	759-5350
TREASURER	JERRY SELIGMAN	W7BUN	845-7652
BOARD (4)	DENNY FIELD	KB7NAG	NONE
	RICH MANSON	N7ANF	474-8883
	JOHN McALLISTER	W7MSR	952-7388
	KATHLEEN NACE	N0EYK	862-8635
LOGGERS BARK STAFF			
EDITOR	RALPH FULLER	KA7FIG	582-5841
REPORTERS	JERRY SELIGMAN	W7BUN	845-7652
	SHIRLEY MURPHY	N7QHW	759-5350
	ROGER NACE	K7AYC	862-8635
	DICK RYAN	W7RGD	627 0922
PHOTOGRAPHERS	BILL BROWN	N7TEQ	582-9349
	DENNY FIELD	KB7NAG	NONE
PUBLISHER	W7DK PRESS	N7QHW	759-5350

CLUB MEETINGS

7:30 PM. PIERCE COUNTY LIBRARY DISTRICT CENTER 7:30 PM.
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411.

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, 1/2 the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Mail all articles and advertising to Ralph Fuller, KA7FIG, 8208 Southway SW. Tacoma, WA. 98498. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. The *Loggers Bark* does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in the *Loggers Bark* if credit line is included in the report.

THE *LOGGERS BARK* OFFICIAL PUBLICATION OF THE RADIO CLUB OF TACOMA IS PUBLISHED MONTHLY BY W7DK PRESS, PO BOX 11188 TACOMA, WA 98411. THE PUBLICATION IS MAILED FROM TACOMA, WA, 98411 UNDER 3rd CLASS BULK, NON-PROFIT ORGANIZATION, US. POSTAGE PAID TACOMA, WA. PERMIT #1078.

POSTMASTER SEND ADDRESS CHANGE TO THE *LOGGERS BARK*, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

CODE PRACTICE

W7DK will be starting a code practice course on 10 meters 28.35 MHz and 2 meters 147.47 MHz Simplex at 7:00 pm on Tuesday January 4, 1994 for General Class and Thursday January 6, 1994 for Extra Class. Code practice will run through the months of January and February. Here is a way to work on that upgrade. **Give it a try! Jim K7YLM**

NEW MEMBERS:

1. RICK LETT, KN6LD 1705
1502 N. FIR ST.
TACOMA, WA 98406 752-5631

2. PAT McCANN, N7WGP 1704
1402 NATALIE CT. SW
STEILACOOM, WA 98388 584-8693

3. DANIEL ANDERSON, KA7EKC 1706
31700 7TH AVE. S.
FEDERAL WAY, WA 98003 839-4542

4. BECCA ROE, KB7YCL 1703
(DAUGHTER OF KB7QQQ)

5. DIANE ROE, KB7YCK 1702
(XYL OF KB7QQQ) 845-1832
14611-132ND Ave. E., Puyallup, WA 98374

6. RANDI S. HALVERSON, (no call) 1707
4321 E. "G" ST.
TACOMA, WA 98404 472-1239

7. JIM GOODWIN, N7OIP 1708
1444 SW YOUNG RD.
PORT ORCHARD, WA 98366 857-7132

8. STEVE OVERMAN, KB7JKZ 1709
3624 70TH AVE. CT. W.
TACOMA, WA 98466 564-8041

REINSTATED MEMBERS:

1. ED HARWOOD, KB7FEW 1277
6155 WAPATO LAKE DR.
TACOMA, WA 98408 475-1738

2. MONA CREE, KB7AGS 1237
7317 124TH ST. E.
PUYALLUP, WA 98373 845-9585

ADDRESS CHANGE:

1. JOHN STEWART, N7ZLH
614 PIERCE LN NE
TACOMA, WA 98422-1721 927-7571

2. JIM BLAINE, WA7BBI
8616 HIPKINS RD. SW #24
TACOMA, WA 98498-4664 589-9118

3. MELODY ANN MUMMERT
4009 E. "B" ST.
TACOMA, WA 98404-1436

4. ALAN GALSTER, KB7YBQ
1266 CHESTNUT RIDGE RD.
KIRKVILLE, NY 13082-9432

5. KENITH TURNER, KB7ZQN
1323 BATTERSBY AVE. APT. 1
ENUMCLAW, WA 98022-3532

6. LARRY D. MARTIN, KD6TKY
5927-H OHIO AVE.
FORT LEWIS, WA 98433 964-8912

7. DICK MARSDEN, N7RHV
2023 MARTIN LUTHER KING JR. WAY
TACOMA, WA 98405

CORRECTIONS AND ADDITIONS:

KD7TKY should be KD6TKY
N7TZA should be N7TZQ
SHERYL STACENER should be STRACENER

NEW LIFE MEMBERS:

ALAN HUGHES, KB7SVU
TRESSIE HUGHES

THE EDITOR'S LOG PILE

What an exciting time to be in Amateur Radio! According to the November '93 issue of the W5YI Report, 1993 saw 45,347 new hams, which was 7% less than 48,984 in 1992. The good news is that this represents more than double the prior seven year average of 21,700 first time amateurs. Eighty percent of all beginners are choosing the Technician path into ham radio. Less than one newcomer in five is taking the Novice route into amateur radio.

In 1979 the only place you could upgrade was the FCC office in the Federal Building in Seattle for District 7. On page 8 of last month's *Bark* there is listed 16 Volunteer Examiner Teams located on the west side of the State of Washington. There is literally an explosion of upgrading going on all over Puget Sound Basin. The fuel to drive the wheel to launch hams into an upgrading spiral is the **No-Code Technician.** Every one of these Teams has to have at least three VEs who have registered their Extra Class licenses with a VEC to hold a testing session. W7DK, as an example, usually has 6 to 9 VEs at every session. Maple Valley has about the same VE base and many VEs work on more than one team. Their efforts can be seen in the unprecedented growth in each of the General, Advanced and Extra Class licenses.

When, where, and why did you begin your venture into the hobby? Whatever the reason, the Grand Old Radio Club of Tacoma has benefited, as the last count was 550 members. Many of these members support as volunteers ARES/RACES, MASS, [a Motorcycle Search and Rescue Team] German Shepherds, Sea Rescue, Mountain Rescue, ESAR, [Explorer Search and Rescue] and the other Pierce County Search and Rescue teams. Through the Pierce County Department of Emergency Management W7DK amateurs also volunteer to help city, county and state law enforcement agencies.

Many of our members personally, support other rapidly growing Repeater Groups such as KE7LE, KB7CNN, WA7HTJ and WC7AAO.

Our Ladies are now in the process of organizing. On the evening of January 19, with no help from the *Bark*, thirteen ladies met to see if there is enough nterest to develop themselves into a general, "Can-do Organization." This is just beginning guys so if your gal wasn't there, you had better ask them read this issue of he *Bark* as this Newsletter will give them all the space hey need.

My point is that Amateur Radio's expansion in the ast three years is providing the support base of public service, volunteerism and is developing great energies o expand the Hobby. **It is indeed a fine time to be a HAM.**

TIMBER

EDITORIAL POLICY

Last Wednesday, January 19, 1994, the regular contributing *Bark* Staff members listed on page 2 of the *Logger's Bark* met to determine policies which will govern the contents of the *Bark*. These guidelines are listed in descending order:

1. The *Logger's Bark* is the historical record of the Radio Club of Tacoma;
2. The *Logger's Bark* is published to educate the W7DK membership;
3. The *Logger's Bark* may also inform the membership of dates, times and places of Club related activities;
4. The *Logger's Bark* may be a forum for the members to contribute written materials;
5. The *Logger's Bark* may contain free radio related advertisement to buy, sell, trade or wanted;
6. The *Loggers Bark* may contain Commercial Paid Advertisements by members to help offset or defray publishing costs, scheduled on page 2;
7. The *Logger's Bark* may contain articles for the good and welfare of Amateur Radio;
8. The **deadline** for all materials is midnight on the 20th day of each month. If you are late you will be early for the next issue. This issue is intended to be delivered by third class mail before the regular monthly Radio Club of Tacoma Board Meeting on the first Wednesday of each month. The **Informational Business Cut Off Date** shall be after the first regular monthly meeting at midnight on the second Wednesday of each month;
9. The Editor shall make all decisions and accept full responsibility for the contents of the *Logger's Bark*. Jim, K7YLM.

Shutterbug Needed!

The ***Logger's Bark*** needs a photographer. For further information contact Bill, N7TEQ, 582-9349.

VE TESTING

The Maple Valley Wireless Society will conduct an all License examination the Third Tuesday of each month, and shall begin 7pm, promptly at the Auburn Fire Station located at 1101 "D" Street NE, Auburn WA

Should you like more information on how you might participate, call **Bill / W7GBC**, 584-1086, or **Ralph / KA7FIG**, 582-5841.

Walk-ins are always welcome.

NEWS FROM ARRL AND WESTLINK REPORT

de W7BUN

The ARRL on January 6, 1994, petitioned the FCC to make Amateur Radio operator licenses valid for a lifetime. The League said in its petition that a lifetime operator's license would allow inactive amateurs to return to the Service at the same class of license without the necessity for retesting. This proposal would apply only to operator licenses; station licenses would still, by law, be limited to 10-year terms. A person with a lifetime operator license but no station license would not be permitted to operate a station of his or her own (but would be permitted to operate from the station of another amateur).

Lloyd Colvin, W6KG, died December 14, 1993, in Istanbul, Turkey. He was 78 years old, born in Spokane, Washington. His wife of 55 years, W6QL, and DXpedition partner Iris Colvin survives him. Lloyd was first licensed in 1929 and served 30 years in the Army Signal Corps, retiring as a lieutenant colonel in 1961. In 1965, the Colvins began traveling the world, and visited 223 countries, operating from more than half of them. Their reputations as ambassadors preceded them, enabling them to obtain permission to operate when others couldn't. Over the years the Colvins made more than a million contacts and had more than a half million QSL cards on file. W6KG had been an ARRL member continuously since 1930. The ARRL Board of Directors recognized the Colvins' contributions to enhancing international goodwill by naming them Amateur Radio Ambassadors of the Decade 1980-1990. Lloyd's remains were to be scattered at sea.

The ARRL backs an electronic license filing system, but cites snags in FCC's proposed "instant license" plan. The League filed comments in PR Docket 93-267, the proposal to license new hams instantly after passing the required examination elements, and said that the absence of an up-to-date database of temporary call signs would make both self-regulation by amateurs themselves and rules enforcement by the Commission more difficult. The League said that such a plan is inconsistent with international radio regulations; and has emphasized that electronic filing of applications with the FCC would accomplish the same goal, that of reducing the wait to get on the air, while maintaining total FCC oversight of licensing.

Still one more reminder: Check your amateur license! Renewals begin again this year after a 5-year hiatus. We all know those who have lost valued call signs for failing to renew their license.

RCT ANNUAL BANQUET SET FOR FEBRUARY 19, 1994

The Club's annual banquet, installation of 1994 officers, and awards presentations will be held at the Tacoma Elks Lodge in the lodge hall on Saturday, February 19th. Social hour will begin at 6 PM, a baron of beef and chicken buffet at 7 PM, presentations and awards at 8 PM, and dancing in the ballroom until 12:30 AM. The cost, including tax and gratuity, will be $15 per person. Tickets are available from Marilyn Olson, KB7PKH, at Club meetings, or call Marilyn at 845-8346. The Elks Lodge is at 1965 South Union Avenue just north of the Target Store near the Highway 16 overpass.

20 YEARS AGO - FEBRUARY 1974

President Joe Winter, WA7RWK (now WZ7M), appointed Kathy Freinwald, WN7WMD, Building Chairperson. Kathy will lead the project to renovate the second floor of the Clubhouse to create a radio room and a museum. Bob Weightman, WA7IPR, is in the process of obtaining a 200 amp service for the clubhouse, which will be necessary for the new radio room. Dennis Reanier, W7UBA, was named chairman of the 1974 Hamfair Committee.

The November 1973 Sweepstakes Contest scores were announced. Chip Margelli, K7VPF (now K7JA), a member of the Radio Club of Tacoma operating at W7RM's station at Hansville achieved the top scores nationwide for both the phone and CW contests. Sandy Chudy, the President of the Ladies Auxiliary, announced that the February Auxiliary meeting would feature a program on home decorating. Doc Spike, W7OS, nominated Dick Ryan, W7RGD, for the Puget Sound Council of Amateur Radio Club's Ham of the Year. The nomination was accepted unanimously by the membership.

Roy and Ethel Devish (W7AZI and W7WLX) visited Saipan for the wedding of RCT member Len Kaufer, KG6SW. Ethel took first place for the 7th call area in the recent Young Ladies' Radio League (YLRL) 34th Anniversary YL-to-YL contest.

ADDRESS CHANGES

If you move, please notify the Club Secretary Shirley Murphy, N7QHW, at 759-5350, or the Club Treasurer Jerry Seligman, W7BUN, at 845-7652. It costs the club $.35 each time the Postal Service returns a Logger's Bark or notifies the club of a newly changed address. We receive as many as ten of these a month! Also, if you're a snowbird or you leave town for a long period, please make arrangements to have your mail picked up. The

RACES ARES

BY SHIRLEY N7QHW

COMMUNICATIONS

Communications is what we are all about. Sounds really simple and should be really simple but it rarely is. It is important when doing communications for any purpose (i.e. emergency, search and rescue, parades, Sound to Narrows, etc.) we pay attention to protocols. What are the protocols and how do we find out about them is the key question. This is why it is important to participate in drills and exercises when they arise so we can become more familiar with whatever the protocols might be. It is also important to be able to function with or as a Net Control Station, how to pass traffic and what is appropriate to pass on the air and what is not. Experience is one of our best teachers.

In the January 1994 issue of World Radio, Jerry Wellman, WB7ULH said it very well and I will share with you some of his article just as it appeared in the World Radio.

"TRANSPARENT

During an emergency, communications must be transparent. It's a "gotta do" rule. This rule also applies to all other elements of the emergency response effort too--we're not being singled out.

Think about it. Let's compare it to your furnace or air conditioner. Your family is happy and you're content when the house is warmed or cooled and everything works well. You do have to change filters, clean ducts and check the system once in a while, but when it works TRANSPARENTLY it's good.

The search commander wants to throw that magic switch and have overhead staff, communications, search teams, rescue teams and all other participants respond, do their job and go home. He/she does not want problems. Problems really mess up the operation. When your furnace quits, you begin to have a bad day. t gets worse depending on what needs fixing.

About a century or so (give or take a few decades) communications was not a given. Newspaper reports of searches in the early 1920's show hordes of people going out in the morning and then coming back in he evening. There was no way to know what was appening in between the going and coming. Today we eed to MANAGE the search a little bit. Resources are diverted, assignments are modified, clues are reported, problems are solved and victims are rescued.

Communications, to many emergency professionals, is simply pushing a switch, or dialing a phone number. When the governor wants to talk to his National Guard commander, a phone call is made. During our earthquake exercise some months ago, most of the "chiefs" had cell phones. As communicators, we must consider how "communications" is viewed.

MUST BE SIMPLE

The emergency manager just wants it to work. She/he does not care how or with what technology. The other consideration is that it must be simple--i.e. transparent. The highest compliment you can get is to be transparent to your agency. They give you messages, you deliver.

As your group prepares its communications system, remember that the agency does not want to know whether or not the repeater works, how it works, whether you're using paper cups and waxed string, or what brand of radio you use. Most damaging is for your agency folks to witness infighting, confusion and unprofessional conduct. Problems do not make you transparent!

My message is a continual one for training, preparation and being ready to respond. Your equipment must be ready to go but equally important your operators must understand how the system works so they'll be transparent. Remember that you cannot belittle what they have in use--you are there to augment their system capacity. If what they have(cell phones, public safety system, or even CB radios) works and handles the load, they simply don't need you! Develop your program and work with agencies where you can make a difference and can become transparent. You'll be of more value than to an agency that isn't sure why you exist."

He goes on to discuss the importance of training, training , training. We will not be transparent without it. Another important thing to realize as a communicator is that we are there to simply pass the traffic whatever it may be. We are not charged with interpreting the traffic or writing the traffic in our own words. We must always pass the traffic as we receive it and not change any words because it may change the whole meaning of the message. This sounds simple but it seems to be one of the hardest things to accomplish unless we are experienced traffic handlers.

Well, enough said for this month. Next month we hope to share with you every thing we know about the Search and Rescue Sheriff's Department Vehicle known as TAC ONE, updates in the equipment on TAC ONE and what training is required to be part of the TAC ONE Team. Stay tuned, more is coming.

73 Shirley N7QHW

Amateur Radio Exams in the Puget Sound Area as of December 22, 1993

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, Kirkland - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 10 AM - North Seattle Comm. College, Rm 3343, 9600 College Way N. - Contact Mike Mitchell, W7WHT, 282-1438, Seattle

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, Kent - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

2nd Tuesday - 6:30 PM - Everett - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd & 4th Thursdays - 7:00 PM - Ft. Lewis Radio Club - Contact John Steele, KG7RX, 491-4682, Olympia

2nd Saturday - 10 AM - Tukwila - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - Auburn - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - Ferndale - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - Renton - Good Neighbor Center, 305 S. 43rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - Sultan - 10 AM - Sultan Elementary School - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - Aberdeen - Pearsall Center, 2109 Sumner Ave - next sessions - January 15, May 21. Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - Stanwood - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - Everett - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - Marysville - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4th Saturday - 9:30 AM - Bremerton - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

February 14 - Monday - 6 PM and March 26 - Saturday - 10 AM - Radio Club of Tacoma Clubhouse, 1249 So. Washington St, Tacoma - Contact Jerry Seligman, W7BUN, 845-7652, Puyallup

Semiannually - Saturday - 9 AM - Olympia - Olympia Center - 222 Columbia North - Contact John Steele, KG7RX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306-80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

MORE GRADUATES OF THE FALL 1993 NOVICE/TECHNICIAN CLASS

(The following names were inadvertently left o the list in the January *Logger's Bark*):

Susan Baldwin
Bob Burns
Tressie Hughes
Duane Little
Dolly Mattice
Bud Sartin
Jeremy Shilley
Steve Shilley
Pam Terjeson
Bill Wold

Sherry Bown
Karen Burns
Karen Kilen
Ed Lochbihler
Mark Rader
Joy Schoolmaster
Nathaniel Shilley
Brian Terjeson
Steve Terjeson
Daniel Wold

DX QSL CARDS WANTED

I am starting a collection of pre-1950 QS cards. If you have any older DX QSL cards give away or sell at a nominal price, pleas contact Dan, W7WA, at 857-3150

Dan Handa W7WA, PO Box 370
Wauna, WA 98395 206 / 857-3150

FOR SALE:

Kenwood TH-41BT 440 MHz Handi Talki - 1 watt Thumb-wheel switch frequency entry - Pl toneboard installed - with extra battery and wa charger - excellent condition - $150 or bes offer.

CDE Ham-M rotor, control box, and approx. 50-7 feet of control cable - $110 or best offer.

Heathkit IO-12 oscilloscope - $20.

ME-26DU voltmeter - $20.

Contact: Jerry, W7BUN, 845-7652

For Sale

*CLEAN-UP SALE***MAKE AN OFFER*

Kenwood R599D Receiver
1 EICO Keyer plus Key
1 National HRO 5 Receiver
1 KDK F144-105 2 Meter Transceiver
1 KDK 2025A/E 2 Meter Transceiver with Antenna
1 Tempo Handheld 2 meter with Rubber Duck
1 Miniquad 30 foot tower plus Rotator
Manuals for the above

Many other items on the block
Call Ray W7FNC at 383-5694
3417 East M ST. Tacoma

FOR SALE
ICOM IC-37A 440 MHz
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BOTH RADIOS $375
CALL ED, KA7HZH, at 1-824-3854 or
DICK, W7RGD at 627-0922

Hilary Clinton's Definitions of Health Terms

Vein	conceited
Artery	the study of paintings
Bacteria	the back door of the cafeteria
Barium	what doctors do when patients die
Bowel	letters such as A, E, I, O, U
Ceasarean Section	a neighborhood in Rome
Cat Scan	searching for a lost kitty
Cauterize	made eye contact with her
Colic	a sheep dog
D & C	where Washington is
Dilate	to live long
Enema	not a friend
Fester	quicker
Genital	not a Jew
G.I. Series	soldier's baseball tourniment
Hangnail	a coat hook
Impotent	distinguished, well known
Labor Pain	getting injured at work
Medical Staff	a doctor's cane
Morbid	a higher offer
Nitrates	cheaper than day rates
node	was aware of
Outpatient	a person who has fainted
Pap Smear	a fatherhood test
Pelvis	a cousin to Elvis
Postoperative	a letter carrier
Recovery Room	a place to do upholstery
Rectum	danged near killed 'em
Seizure	Roman Emperor
Tablet	a small table
Terminal Illness	getting sick at the airport
Tumor	more than one
Urine	opposite of "you're out"
Varicose	nearby

Thanks - *"The Ground Wave"* - Mt. Baker Amateur Radio Club, Bellingham, Washington

WANTED

Wanted for a reference library, donations of Amateur Radio magazines: ***Ham Radio***, ***CQ***, ***73***. Also old call books and old QSL cards for a display at Ham functions.

Call Bob Hagar, KI7HW, 845-2300

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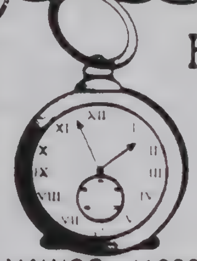

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Brendan M. Keyport 24 hour Fax (206) 539-1453

RADIO CLUB OF TACOMA, INC.
MINUTES FOR REGULAR MEETING
DECEMBER 22, 1993

The meeting of the Radio Club of Tacoma was called to order at 7:40 PM by President Kathleen Nace, N0EYK, with 88 members and 12 guests present. A quorum is present to conduct official business.

ANNOUNCEMENTS:
1/3/94 Novice-Tech Class begins at RCT Clubhouse
1/5/94 RCT Board Meeting 7:30 PM RCT Clubhouse
1/12/94 RCT MTg "VHF Weak Signal Communications" 7:30 PM Pierce County Library Administrative Building at 112th & Waller Rd
1/19/94 Ladies Meeting 7:00 PM RCT Clubhouse
1/26/94 RCT Club Meeting--Program "Beginning Packet" Part 1 of 2 7:30 PM Pierce County Library Administrative Building at 112th & Waller Rd
2/14/94 ARRL VE Testing 6:00 PM RCT Clubhouse
2/16/94 Ladies Meeting 7:00 PM RCT Clubhouse
2/19/94 Annual RCT Banquet 6:00 PM Elks Club in Tacoma 21st and Union

NEW CALLS AND UPGRADES: Congratulations to:
Upgrades Malcome Maynard KI7RZ to Extra
Kenneth House KB7SOU to Tech Plus
Val Baldwin N7VGO to Tech Plus

HINTS & KINKS, TUNING & TRAFFIC, ETC.: Neut, WN7L reminds everyone of the "straight key night" which is January 1, 1994 for all who want to communicate with code (speed is not the issue because this is not a contest).

Rich, N7ANF has had his Alinco HT stolen and asks everyone to be on the alert.

Jim, K7YLM reminds us of January 1, 1994 being QRP nite and W7DK will be on the air from about 0700 to about 2100. Everyone is welcome to come and help out.

HEALTH AND WELFARE: Ken, WB7QNT and Eva, WB7QNS have both been ill but are recovering now. Jim, K7YLM and Judy, AJ7R have a new grandson as of today.

TREASURER'S REPORT: by Jerry, W7BUN.

GENERAL FUND CHECKING	1,887.16
REPEATER/PACKET FUND CHECKING	1094.54
FLEA MARKET CHECKING	525.00
MURPHY FAVRE SAVINGS	11,205.56
SCHOLARSHIP MEMORIAL CD	1,979.96
CASH ON HAND	00.00
TOTAL ALL ACCOUNTS	16,692.22

MEMBERSHIP: There are 528 members for 1993 and 281 for 1994 as of this date.

MINUTES: Previous minutes were available.

PROGRAM: The program for this evening was presented by Rick Beatty, NU7Z. He shared his many experiences with "moonbounce" including some tape recordings so we could actually hear what it sounded like. It seems to take a trained ear for much of the feedback but some of it was very clear. He also shared the ups and downs of getting the appropriate equipment and location for operating moonbounce.

LOGGER CONTACTS: Please turn in all Logge Contact lists to Shirley, N7QHW and she will see tha they get to the appropriate person.

RADIO CLUB ROSTERS: Jerry, W7BUN has printe and has come copies available for club members a current roster of RCT members. These will not be mailed out. He asks everyone to please notify us o address changes so we can cut down on duplicate mailing costs to remail returned Barks. We mail these via third class mail and they will not forward them so please turn in address changes.

RCT VE TESTING: Jerry, W7BUN reports that 51 people tested on the 18th and 39(76%) upgraded or received a new license. There were 59 elements given which resulted in a 71% pass rate. This is higher than the usual pass rate. Next testing will be February 14, 1994 at 1800 at RCT Clubhouse and the next one after that will be March 26, 1994 at 1000 at RCT Clubhouse.

MISCELLANEOUS: Jerry, W7BUN reminds everyone of the Friendship Award available for ARRL members You must be an ARRL member, contact 26 people that have a different letter of the alphabet as the last letter in their call to win a Friendship Award.

Jerry, W7BUN also reported that the RCT Board voted to purchase two library sets of ARRL books and donate one to the Tacoma Library and one to the Pierce County Library so they will updated information.

Kathleen, N0EYK presented Jean, KB7SVX his certificate from the Antenna Wars for being the Construction Expert and the Most Practical.

LADIES MEETING: Marilyn, KB7PKH announced that there will be a meeting for all ladies(members, wives, daughters, etc. of members) on Wednesday January 19, 1994 to discuss reforming the Ladies group. This group will meet the third Wednesday of each month at the clubhouse. Please call any board member or Marilyn for further information.

POTLUCK: Alan, N7EAY reported on a very successful potluck that was held on December 18, 1993 at the clubhouse with very nice door prizes and all.

NEW MEMBER CERTIFICATES: Certificates were given to James Stafford, KB7VOM; Garry L Miller, KB7ZDS; Craig Price, N7KME; Ralph Umphfres, KJ6CD; and Veda Puvogel. Life member certificates were presented to Roger, K7AYC and Kathleen, N0EYK Nace; Bob Edwards, N7HXX; Jerry, K7ETU and Donna Hathaway; and Hap Arnold, KB7UXD.

LOGGER CONTACT ENDORSEMENTS: Endorsements were given to Bob N7QOZ; Russell KB7UXK; Bob WB7QCS; Jerry K7ETU; Tom KB7VOO; and Eva WB7QNS.

LOGGER CERTIFICATE: Certificates were given to Bob Powers, KB7TQA; Lorraine, KA7WGG; and Greg, N7RSE.

ADJOURNED: Meeting adjourned at 9:15 PM.

Respectfully submitted,
Shirley Murphy, N7QHW, Secretary RCT

RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
JANUARY 5, 1994

The Radio Club of Tacoma Board of Directors meeting was called to order at 7:30 PM by President Jim Kirkreit, K7YLM. There were 8 board members and 14 guests present. A quorum is present for conducting official business.

TREASURER'S REPORT by Jerry, W7BUN

General Fund Checking	3,824.38
Repeater/Packet Fund Checking	1,094.54
Flea Market Checking	525.00
Murphy Favre Savings	11,205.56
Scholarship Memorial CD	1,979.96
Cash on Hand	00.00
Total	18,629.44

A proposed 1994 budget(attached) has been developed by Jerry, W7BUN along with the actual xpenses(attached) incurred for 1993. Jerry, W7BUN moved we accept the proposed budget as a general guide or expenses in 1994. Seconded by Mac, W7MSR. MOTION PASSED.

MINUTES: The minutes of the December 1, 1993 oard meeting were available.

ORRESPONDENCE: A letter has been received from athleen Nace, N0EYK regarding her Life membership as resident for the past two years.

IBRARY: Jerry, W7BUN reports that the purchase of he ARRL Library set has been done and the book sets ill be given to the libraries very soon.

Rich, N7ANF will report next month about the ossibility of putting a plaque on the flag that we onated to the Pierce County Library Administration eeting Room.

01 (c) (3): Ray, W7KFN has provided a report on ax forms which need to be filed.(attached) Further vestigation is needed related to B&O taxes.

We also need an Audit Committee composed of vo people with accounting backgrounds.

ARK: Ralph, KA7FIG has scheduled a meeting at the ubhouse to discuss concerns related to the Bark. It is heduled for January 19, 1994 at 10:15 AM.

EY POLICY: Jim, K7YLM has requested a copy of e current draft key policy be available to each board ember so it can be discussed and finalized. Shirley ll do this.

EPEATER: Mac, W7MSR will report next month on iger printing equipment and potential for the repeater.

CHOLARSHIP: Kathleen, N0EYK will report on the holarship committee next month.

ANQUET: Marilyn, KB7PKH reports the banquet will **February 19, 1994** at the Tacoma Elks located out 23rd and Union. Cost will be $15.00 per person. hey are working on various activities for throughout e evening and Kathleen and Jim will work together on e certificate list.

ACKET TRAINING STATION: Denny, KB7NAG will port next month on the station.

PHONE COORDINATOR: Jim, K7YLM would like to have a committee so phone call reminders can be made to members. He also feels that rides could be found for those who are unable to get to meetings possibly as part of this same process. Persons are needed so if anyone is interested, please contact Jim, K7YLM.

LADIES GROUP: Marilyn, KB7PKH is organizing and will lead the meeting scheduled for Wednesday, January 19, 1994 at 7:00PM here at the clubhouse.

FIELD DAY: Alan, N7EAY and Carl, KB7LIG will co-chair the Field Day event this year which occurs on June 25-26. The site will be determined as soon as possible and work will be done on the generators also. Mike, KB7VNT will help look at sites.

FLEA MARKET: Al, KB7SVU will chair the Flea Market this year. The board would like to remain with the one day format and have it again the second weekend in August. Al will begin working on a location and report back next month.

CONTESTS: Jim, K7YLM is urging more participation in contesting. The New Year's QRP contest was fun and had about 10-15 people here. We will work on getting the word out better for future contests.

CLUB STATION: Jerry, W7BUN reported on three different purchase options for an OMNI 6 Ten Tech Radio. After much discussion, Alan, N7EAY moved we purchase a new OMNI 6 Radio, Desk Mike, 4 filters, speaker, and power supply. Seconded by Denny, KB7NAG. MOTION PASSED with 6 votes for and 2 against.

BBS: Jim, K7YLM reports that there is new software and soon the BBS will be operating as it should be. He also reported on the work done on the BBS in year's past by two previous and felt the club needed to recognize these people for their contributions. Rich, N7ANF moved that we provide a one year of RCT membership to Andrew Kirkwood, W7GCI and George Abbott, WA7BHH in appreciation for their contributions in the past for Packet Radio. Seconded by Denny, KB7NAG. MOTION PASSED.

ADJOURNMENT: Meeting adjourned at 9:30 PM.

Respectfully submitted,
Shirley Murphy, N7QHW, Secretary, RCT

ATTENDANCE RCT BOARD MEETING JAN. 5, 1994

President	Jim K7YLM
Vice-President	Alan N7EAY
Secretary	Shirley N7QHW
Treasurer	Jerry W7BUN
Board members	Mac W7MSR
	Rich N7ANF
	Kathleen N0EYK
	Denny, KB7NAG

GUESTS Ray, W7KFN, John N7JFM, Don KB7GKB, Bob KI7HW, Marilyn, KB7PKH, Dolly Mattice, Al KD6HXI, Judy AJ7R, Trent N2OBM, Mike KB7VNT, Roger K7AYC, Ralph KA7FIG, Alan KB7SVU, Tressie Hughes, Rob, K7TGU.

RADIO CLUB OF TACOMA, INC.
MINUTES REGULAR MEETING
JANUARY 12, 1994

The meeting of the Radio Club of Tacoma was called to order at 7:30 PM by President Jim Kirkreit, K7YLM, with 92 members and 9 visitors present. A quorum is present to conduct official business.

ANNOUNCEMENTS:

1/19/94 Ladies Meeting 7:00 PM RCT Clubhouse
1/26/94 RCT Club Meeting--Program "Beginning Packet" Part 1 of 2 7:30 PM Pierce County Library Administrative Building at 112th & Waller Rd
2/2/94 RCT Board Meeting 7:30 PM RCT Clubhouse
2/9/94 RCT Meeting 7:30 PM "Beginning Packet" Part 2 of 2 Pierce County Library Administrative Building at 112th & Waller Rd
2/14/94 ARRL VE Testing 6:00 PM RCT Clubhouse

2/16/94 Ladies Meeting 7:00 PM RCT Clubhouse
2/19/94 Annual RCT Banquet 6:00 PM Elks Club in Tacoma 21st and Union
3/26/94 ARRL VE Testing 10:00 AM RCT Clubhouse

HINTS & KINKS, TUNING & TRAFFIC, ETC.: Ron Chudy, WA7UQV will be operating for the 160 Meter Contest from the Sea of Cortez under the call XE2-AA7IE. The contest is the last weekend of January which is the 28th.

January 21st and 22nd is the VHF and UHF Sweepstakes.

Don't forget the Code Practice from W7DK by Jim K7YLM done each Tuesday at 13 WPM and each Thursday at 20 WPM beginning the week of January 3rd and lasting for 8 weeks. This occurs on the 10 meter band at 28.350 at 7:00 PM both days lasting approximately 30-40 minutes. Record it and use it for practice later.

HEALTH AND WELFARE: Ron, WA7UQV is back and feeling better.

TREASURER'S REPORT: by Jerry, W7BUN.

GENERAL FUND CHECKING	935.43
REPEATER/PACKET FUND CHECKING	1094.54
FLEA MARKET CHECKING	525.00
MURPHY FAVRE SAVINGS	10,729.02
SCHOLARSHIP MEMORIAL CD	2,485.74
CASH ON HAND	00.00
TOTAL ALL ACCOUNTS	15,769.73

MEMBERSHIP: There are 364 for 1994 as of this date.

MINUTES: Previous meeting minutes were available at the front of the room.

PROGRAM: The program for this evening was presented by Jim Sutton, WM7A. He shared his many experiences of weak signal communications on VHF including some tape recordings so we could actually hear what it sounded like. It seems to take a trained ear or as Jim said, a great liar but some of it was very clear. He covered Tropo communications, Meteor scatter, Sporadic E, and Aurora. All kidding aside, the program was very interesting and Jim certainly was the person in the know to talk about it. He recommended the book "Beyond Line of Sight"(an ARRL publication) if one is interested in this aspect of amateur radio. For those interested, the calling frequency for these communications is 144.200.

LOGGER CONTACTS: Please turn in all Logger Contact lists to Shirley, N7QHW and she will see that they get to the appropriate person.

BANQUET: Marilyn, KB7PKH reminds us that the banquet is February 19, 1994 at the Tacoma Elks Club located at about So. 23rd and Union. Cocktails at 6:00 PM and dinner 7:00 PM followed by the program and dancing.

LADIES GROUP: Marilyn, KB7PKH reminds all ladies of the meeting on January 19, 1994 at the RCT Clubhouse at 7:00 PM. This Ladies Group will meet each 3rd Wed of each month. The first meeting will concentrate on what it is the group would like to do and elect officers.

COMMITTEES: Alan, N7EAY is going to organize the committees for the RCT and is requesting volunteers. Let Alan know your preferences instead of him letting you know his preferences.

FLEA MARKET: Alan, KB7SVU is chair for the Flea Market this year and reports that the date will be either the second or third weekend in August. Plans and planning are already underway for selecting a site and firming everything up so the fliers can be made and advertising begun.

FIELD DAY: Carl, KB7LIG is the chair for Field Day this year and of course will be looking for lots of support this year. First on the list is working on the generators and getting them operational once again and the site also needs to be confirmed. Alan, N7EAY will be co-chairing the Field Day event with Carl.

501 (c) (3): Ray, W7KFN reminds everyone that contributions made to the club need to have a written notice to the board of the contribution. He also reminds us that 100% of the dues for membership is deductible for us.

RACES/ARES: Shirley, N7QHW announces for those interested, there will be training for TAC ONE(Search and Rescue Vehicle) again on January 22 at 10:00 AM at Thun Airfield in Puyallup. It takes about 2-2 1/2 hours and walk-ins are welcome.

MISCELLANEOUS: Jerry, W7BUN says the new Novice/Tech classes have begun at clubhouse with approximately 30 people attending.

He also reminds everyone that a payment schedule for Life Membership is available if anyone wishes to purchase Life Membership under this method.

NEW MEMBER CERTIFICATES: Certificates were given to Kerry Webster, WB7AKE; Nana Downey, N7OIX; Brian, Steve, Pam, and Mark Terjeson, N7FIT; Tressie and Alan Hughes, KB7SVU; Ric and Tam Pradel; Stephen Lee; Steven Moore, N7KBH; Gary Morris; and Mark Selthofer, KB7ZFT.

ADJOURNED: The meeting adjourned at 9:30 PM.

Respectfully submitted,
Shirley Murphy, N7QHW, Secretary RCT

RECIPES FROM XMAS POTLUCK-ENJOY !!!

FRUIT/PASTA SALAD

Shirley Murphy

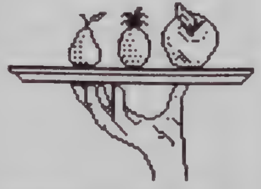
Ingredients

1 20 oz crushed pineapple
1 20 oz diced pineapple
2 11 oz mandarin oranges
1 sm jar maraschino cherries-quartered
1/2 pkg miniature marshmellows
12 oz cool whip
1 c Ronzoni acini pepe

Instructions

STEP I: Drain pineapples & reserve juice. Drain all fruit overnite. STEP II: Combine 1 3/4 c pineapple juice, 1 c sugar, 3 eggs beaten & 1/2 tsp salt(optional). Cook slowly till thickens & cool. (May use cornstarch & water to thicken). Boil acini pepe 8 min. Rinse, drain & cool. Mix with cool custard & refrigerate overnite. STEP III: Next day mix all with cool whip and marshmellows. Can make ahead 1-2 days.(Best at least 1 day ahead). Keeps well 5-6 days.

CREAM CHEESE DELIGHT



Michi Seligman

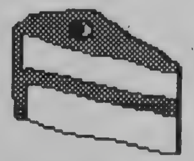
Ingredients

8 oz. pkg cream cheese(regular only)*
1 can 7-up
1 small can mandarin oranges
2 TBSP lemon juice
1 cup sugar
1/2 cup warm water
3 pkgs Knox gelatin

Instructions

Soften cream cheese at room temperature. Drain juice from mandarin oranges into cup & add water to make 1 cup. Mix cheese, sugar & lemon juice until smooth. In another bowl, mix gelatin with the warm water & slowly add the orange juice & water mixture. Blend in the cream cheese mixture until smooth. Pour into large casserole dish. Add mandarin oranges. Pour 7-up on top & mix well. Cool in refrig. for 6 hours. Cut in squares to serve. *(Low fat crm cheese turns out lumpy)

WATERGATE CAKE



Dolly Mattice

Ingredients

1 Pkg white cake mix (plain)
1- 3 oz. pkg pistachio instant pudding
3 eggs
1 cup salad oil
1 cup 7-UP
FROSTING
1- 3 oz. pkg instant pistachio pudding
1 cup milk
1- 8 oz. Cool Whip

Instructions

CAKE: Mix all together and beat 4 minutes. Bake in 9x13 pan 40-45 minutes at 350 F.

FROSTING: Mix and beat milk and pudding for 2 minutes. Fold in Cool Whip. Spread on cool cake and then refrigerate.

"DUMP" CAKE

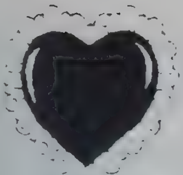
Dolly Mattice

Ingredients

1 Lge can Crushed Pineapple
1 can pie filling (your choice)
1 box yellow cake mix
sliced almonds
1 cube butter(sliced patties)

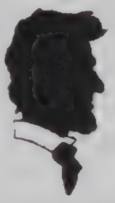
Instructions

Pre-heat oven to 350 F. Butter the bottom of a 9x13 inch pan. Dump pineapple(including juice) into bottom of pan. Next, dump pie filling over pineapple. Then, dump dry cake mix over filling. Sprinkle desired amount of almonds over cake mix. Evenly arrange butter slices over cake mix. Bake for 30-35 minutes or until top layer is golden. To serve: Spoon onto dessert plates, serve warm or cold. Whipped cream topping is optional



February 1994

W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1 147.28 NET 7:30 PM	2 Board Meeting Club House 7:30 pm. # JOHN K7ASZ # BETTY KB7OXG	3 #KEN' KA7CZA	4 #DICK' KB6PWR #GEORGE KB7NDC	5 PINOCHLE POTLUCK Clubhouse [illegible] # VERNA RYAN # JIM K7YLM # RALPH KJ6CD
6 # CARL KB7LIG #BILL' N7TEZ	7 #VAL' N7VGO	8 147.28 NET 7:30 PM #PHIL' G4UFH	9 W7DK MEETING Library 112 St. E.& WALLER RD. 7:30pm #JOH[illegible] KD[illegible] # TOM - N7ZLF	10 #RICH' N7ANF # LEN N7MOQ # KAREN KILEN	11	12  Lincoln's Birthday # CARMEANE PERRY
13 # KARYL N7KWP #JIM' KB7WTG	14 LICENSE EXAMS 6pm CLUBHOUSE # MARK N7[illegible] Valentine's Day	15 147.28 NET 7:30 PM [illegible] VE TESTS #DENNY' KB7NAG # [illegible] K[illegible]RYK	16 *LADIES MEETING Clubhouse 7:30 pm.* *Ash Wednesday*	17 # DAN - N7QWH #MIKE' KB7ZDR	18 #PETE' - N8PSJ # ALAN - N7YBC	19 ***CLUB BANQUET Tacoma Elks*** #RON' - N7SWO # OLIVER - W7WIA DONNA HATHAWAY
20 ***LOGGER'S BARK "DEADLINE"***	21 # PAM TERJESON *President's Day*	22 147.28 NET 7:30 PM Washington's Birthday # BRIAN - N7YFF #BILL' KB7CNN # TRESS HUGHES # SALLY - KB7PKJ	23 W7DK MEETING LIBRARY 112 St. E. & WALLER RD. 7:30pm # JOANN N7VPB	24 # JOHN - N7JFM	25 # PARKER - K7GYP	26 # PAUL - N7WGV #NORM' - KB7UXM
27 #BUD' W7ET #LOUIS' KA0SKW	28 LADY'S PINOCHLE CLUB HOUSE NOON #BILL' N7BAA					

January

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March

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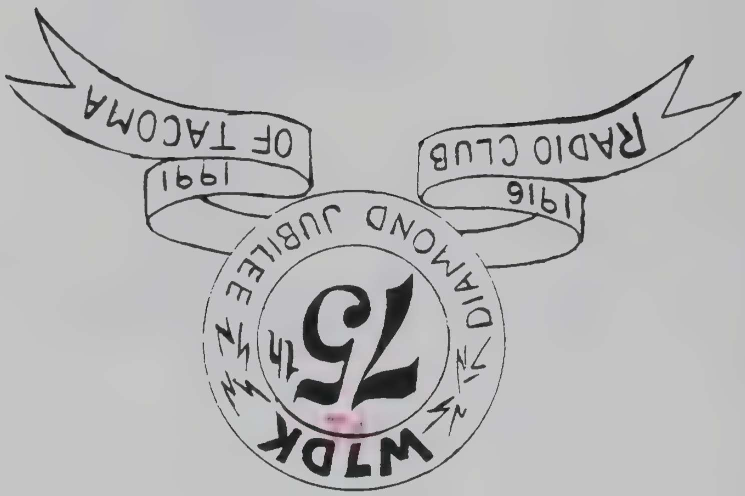
27	28	29	30	31		

Happy Birthday


RADIO CLUB
OF TACOMA
1916
1991
DIAMOND JUBILEE
75th
W7DK

THE LOGGERS BARK

RADIO CLUB OF TACOMA, INC.
PO BOX 11188
TACOMA, WA 98411

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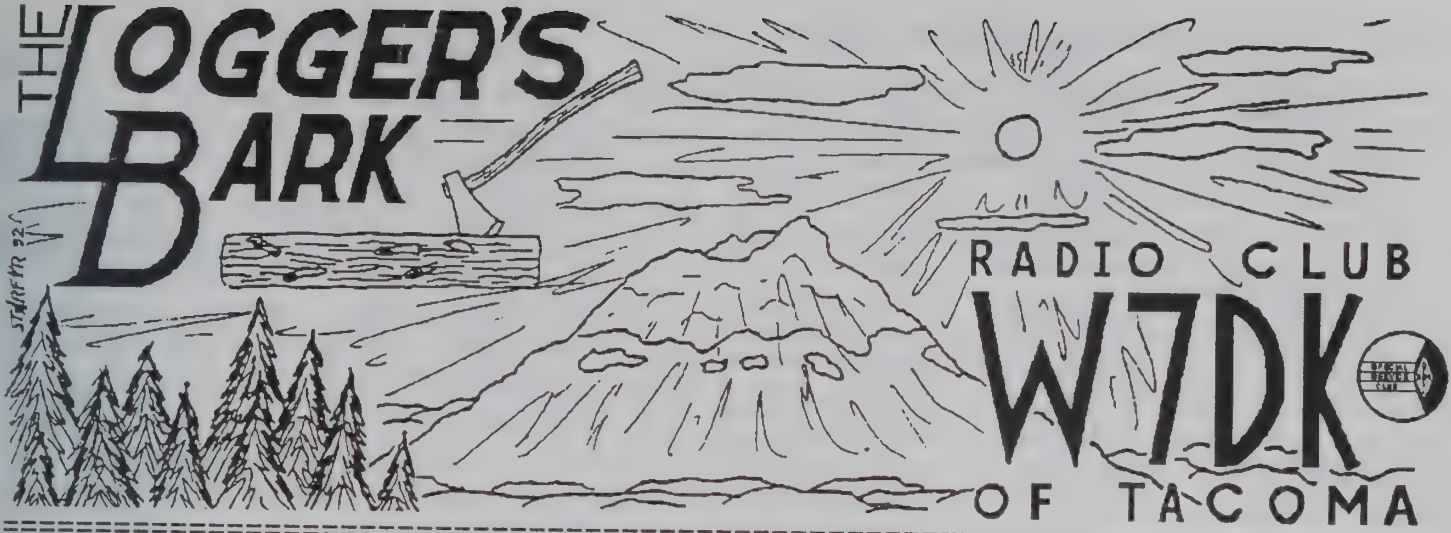

VOL. XXXI NR.3 W7DK MARCH 1994

(The President's usual column is moved to page 3 for this issue)

The RCT INVASION*!!!*

The first Radio Club of Tacoma Invasion is here. We are invading Owen Beach at Point Defiance Park on Saturday, April 2nd from 10 a.m. to 4 p.m. We have reserved the entire picnic area. We have been given approval to put up antennas of all kinds. Ron, WA7UQV, will provide the expertise in showing us how to put up antennas over water. Hal, W7EC, will show us how to put up some super wire tree-mounted antennas. Alan, KB7SVU, will have his packet station on the air and Malcome, KI7RZ, has promised to give us a look at some high gain VHF/UHF antennas. We will have HF stations on the air and will teach antenna installation, antenna tuning and station tuning and protocol. It is potluck so bring along a bite. We will have hot dogs, pop, games and some super prizes. Rain or shine, come on out and join in the fun!

Jim K7YLM

DUES DUES DUES

Does your *Bark* label have a **RED DOT** somewhere close to your name? If that dot is there, it is a polite reminder that your 1994 dues have not been recorded, which means this is your Last *Bark*. One of RCT's great gifts to the Membership is the *Bark*, so please help keep Shirley, N7QHW's, lick'm stick'm labeling crew in business by sending your 1994 dues to RCT, PO Box 11188, Tacoma, WA 98411.

Come on guys, we really need you!

COMING EVENTS

MAR 2 - Board of Directors meeting - 7:30 PM - at the Clubhouse - all members are invited.

MAR 5 - Pinochle/Potluck 7 pm Clubhouse

MAR 5-6 - ARRL International DX Contest - phone

MAR 9 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - Program: ***"How the ARRL Serves All Hams "*** You will be amazed when you find out how many different services the League provides for the Amateur Community, as well as protecting our valuable frequency allocations from commercial interests.

MAR 12 - Mike and Key ARC Flea Market - 9 AM - Puyallup Fairgrounds - Admission $5

MAR 23 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - Program: ***"Around the World for 3 Years"*** Steve VanSlyke, KB7DBY, and his XYL Kay spent 3 years traveling on a 41' sailboat. This slide program will highlight how amateur radio provided an invaluable communication link.

MAR 26 - License Exams - 10 AM - Clubhouse.

MAR 26-27 - CQ World Wide WPX Contest - phone

MAR 28 - Ladies Pinochle 12 noon Clubhouse

APR 2 RCT Invasion at Owen Beach's Antenna Farm

APR 4 - Novice/Technician Classes begin at the Clubhouse - to register call Bill Shimmin at 584-1086.

APR 13 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM - Program: ***"Antennas."*** Hal, W7EC, will show a video and demonstrate the Super Slingshot technique of putting antenna wires into a tree, show a homemade crank up tiltover tower, and a homemade HF beam.

RADIO CLUB OF TACOMA
1994

PRESIDENT	JIM KIRKREIT	K7YLM	927-7825
V PRESIDENT	ALAN ALLEN	N7EAY	475-7413
SECRETARY	SHIRLEY MURPHY	N7QHW	759-5350
TREASURER	JERRY SELIGMAN	W7BUN	845-7652
BOARD (4)	DENNY FIELD	KB7NAG	NONE
	RICH MANSON	N7ANF	474-8883
	JOHN McALLISTER	W7MSR	952-7388
	KATHLEEN NACE	NØEYK	862-8635
LOGGERS BARK STAFF			
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REPORTERS	JERRY SELIGMAN	W7BUN	845-7652
	SHIRLEY MURPHY	N7QHW	759-5350
	ROGER NACE	K7AYC	862-8635
	DICK RYAN	W7RGD	627 0922
PHOTOGRAPHERS	BILL BROWN	N7TEQ	582-9349
COMPOSITOR	"NICK" OLSON	N7BCV	536-8940
PUBLISHER	W7DK PRESS	N7QHW	759-5350

*****

CLUB MEETINGS

7:30 PM. - PIERCE COUNTY LIBRARY DISTRICT CENTER
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411.

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, 1/2 the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Mail all articles and advertising to Ralph Fuller, KA7FIG, 8208 Southway SW. Tacoma, WA. 98498. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. The *Loggers Bark* does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in the *Loggers Bark* if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO THE *LOGGERS BARK*, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

THANK YOU

Thank You for your kind expression of sympathy. It was appreciated more than words can say. Thanks also for the Life Membership. I'll look forward to attending some of the CLUB functions. Sincerely, Rene Smith

NEW MEMBERS:

MILTON E. CAMPBELL, N7ZWS 503/746-1
PO BOX 10231
EUGENE, OR 97440 RCT# 169

FRANK BANNON 851-1625
7722 84TH AVE. CT. NW
GIG HARBOR, WA 98335 RCT# 170

CRAIG F. KNOWLTON, KB7OLZ 863-1053
13225 56TH ST. E.
SUMNER, WA 98390 RCT# 171

ED HORSMAN, KC7ADL 845-2253
11721 MERIDIAN E. #330
PUYALLUP, WA 98373 RCT# 171

ADDRESS CHANGES:

MARK RADER, KC7AFO 922-642
3510 54TH AVE. E.
TACOMA, WA 98424-2137

MIKE GARRETT, AA7KN 438-612
9439 PINEDROP DR. SE
OLYMPIA, WA 98513

BOB CHURCHWARD, W7RXS 759-797
814 S. WINNIFRED ST.
TACOMA, WA 98465

ANN FISHER, KF7ZU 851-322
12822 97TH AVE. NW
GIG HARBOR, WA 98329

GEORGE ANDREWS, N7TEP 845-759
BETTY ANDREWS, N7TEN
2304 26TH ST. SE
PUYALLUP, WA 98374-4325

CRAIG PRICE, N7KME 897-828
PO BOX 8093
BONNEY LAKE, WA 98390-8093

ROY RICHARDS, N7ARO 479-261
PO BOX 3034
BREMERTON, WA 98310-0387

PHIL PEARSON, N7YFI 531-044
PO BOX 67
SPANAWAY, WA 98387-0067

NEW CALLS:

SUE BALDWIN, KC7AVS
BILL WOLD, KC7AKY
ROBERT RUBY, KG7DB (EX N7MRB)
MARK RADER, KC7AFO
DUANE LITTLE, KC7AIH
KAREN KILEN, KC7ACX
GUY CARLSEN, KC7AIW

CORRECTIONS AND ADDITIONS:

BILL DRUM, N6ITE - ADD PHONE NO. 894-2372
RENE SMITH - ZIP is 98387-5610
PAT McCANN, N7WGP - ZIP is 98388
KEN TURNER, KB7ZQN - ZIP is 98022-3632
SKIP HIRN, WB7UDF - PHONE is 589-3752

Antenna Wars II

Rules and details will be coming out the month of March for the Big Antenna War April 2

From the President

For 1994 one of the largest and most important undertakings in communications is the Information Superhighway. The program, headed by our vice president, Al Gore, will link homes, offices, factories, libraries, entertainment sources, universities and just about anyone else into one big network. The bottom line: images, sound and text combined will be provided to all areas in the blink of an eye. The Radio Club of Tacoma is working toward a similar goal. First and foremost we must provide close ties and information links with our members. Our officers and our Board of Directors have a number of plans and ideas which are designed to train, inform, assist, and motivate our membership. In addition, the goals, aspirations, and desires of our membership must be made known and acted upon. Our superhighway is our VHF/UHF communication network of repeaters and bulletin boards, our *Loggers Bark*, our HF station and your mobile and home stations. In the months to come, the Directors of the Radio Club of Tacoma will attempt to present many new and innovative plans to better assist our membership in communicating their ideas and goals. Ham radio is a great activity which provides us with countless hours of enjoyment; however, in times of emergency, we, as communicators, provide a major link, sometimes the only link, for obtaining assistance for our members and our community. 1994 is our year to get on board the Information Superhighway. Many activities, the closest of ties between our members, and your participation in all activities, will prove to all who know us; We are the great and progressive **Radio Club of Tacoma**.

Jim K7YLM

VE TESTING

The Maple Valley Wireless Society will conduct an all License examination the Third Tuesday of each month, and shall begin 7pm, promptly at the Auburn Fire Station located at 1101 "D" Street NE, Auburn WA

Should you like more information on how you might participate, call **Bill / W7GBC**, 584-1086, or **Ralph / KA7FIG**, 582-5841.

Walk-ins are always welcome.

NEW TRANSCEIVER FOR W7DK'S STATION

The Club's new TenTec Omni-VI transceiver has been installed at the Clubhouse. Along with the new Telrex tri-band beam, we now have an up-to-date HF station for use by RCT members.

A logbook of those members who have been checked out on the new equipment will be maintained at the station. If you wish to operate W7DK and you haven't been checked out, call Jerry, W7BUN, 845-7652, any time, or be at the Clubhouse at 10 AM on Saturdays for a 30-minute training session. Jerry is acting as temporary Station Manager. If you have several years of HF experience and a higher class license, President Jim, K7YLM, is looking for a permanent Station Manager. Call Jim at 927-7825. Also look elsewhere in this issue if you're interested in bidding on the Club's Drake TR-7A equipment.

ADDRESS CHANGES

If you move, please notify the Club Secretary Shirley Murphy, N7QHW, at 759-5350, or the Club Treasurer Jerry Seligman, W7BUN, at 845-7652. It costs the club $.35 each time the Postal Service returns a *Logger's Bark* or notifies the club of a newly changed address. We receive as many as ten of these a month! Also, if you're a snowbird or you leave town for a long period, please make arrangements to have your mail picked up. The postal service will only hold first class mail for those who are "temporarily away."

Silent Key: David L Dohr, K7BCL, RCT #676
In Remembrance:
March 2, 1915 to February, 10,1994

David joined the Radio Club of Tacoma May 24, 1972 at the age of 57. David worked 25 years for Sears in Tacoma and had previously been a business agent for Local #76 Electrical Workers Union and a ship fitter at the Puget Sound Naval Ship Yard in Bremerton. David was a Rebel, which is an acronym for an organized group of campers made up of hams in the Puget Sound Basin. David was also a member of the Sacred Heart Catholic Church.

Graveside services were held Tuesday the 15th of February at Haven Rest Memorial Park in Gig Harbor. The family requests that remembrances go to Sacred Heart Catholic Church building fund, PO Box 880, Morton, WA 98356.

NEWS FROM ARRL AND WESTLINK REPORT

de W7BUN

The ARRL has petitioned the FCC to provide the amateur service with primary allocations from 902 to 904 MHz and from 912 to 918 MHz, with certain geographic limitations. Amateurs are already allocated from 902 to 928 MHz on a shared basis with several other radio services, but the FCC has proposed to expand Automatic Vehicle Monitoring (AVM) systems in the 902 to 928 MHz range. The ARRL said that this proposal could jeopardize Amateur Radio use of the band especially since weak-signal work and television have expanded greatly in the last few years.

The ARRL Board of Directors met in January and adopted a band plan, looking to early implementation of the expected 219 to 220 MHz for limited amateur use. The Board directed the League to file a petition with FCC to remove the overly restrictive rule provisions concerning the use of spread spectrum techniques. ARRL will begin to notify members of license expirations, and will include an FCC Form 610 to effect license renewals.

Beginning March 1, the FCC will accept only the new version of its Form 610 for new licenses, renewals, call sign changes, etc. Bulk quantities of the new form have been sent to all of the field-stocked VE teams.

In 1993 ARRL members sent 7.25 tons of QSL cards to the ARRL Outgoing QSL Service for shipment to bureaus overseas. This was 2,182,000 cards for DX destinations. The US Incoming QSL Bureau's volunteers sorted just over two million cards in 1993, as well.

Tandy Corporation has opened its first Radio Shack in Russia. The Moscow store, which officially opened January 14, is identical in look and layout to stores in the US, according to Tandy.

Max Busick, W5GJ, died on January 10, 1994. He founded Madison Electronics in Houston shortly after World War II.

In the days following the earthquake near Los Angeles on January 17 you may have heard or read about an experimenter named Jack Coles, of San Jose, California. Coles listens to the 10 to 12 KHz range for 0.5 to 2 second pulses and is one of a group of experimenters who think this may be a way to predict earthquakes. Coles says he's always been interested in radio and is currently studying for an amateur ticket.

The ARRL has requested an extension of the comment deadline on the FCC proposal to establish a "vanity" call sign system. The FCC's Notice Of Proposed Rule Making, in PR Docket 93-305, was released December 29, 1993, wit comment deadline of March 7, 1994. The AR asked for an April 21, 1994, deadline to all enough time for ARRL members to express th views on the proposal and for the ARRL Board then formulate a position.

Russia has reserved new call sign blocks follows: R1MVA-R1MVZ for Malyj Vysotskij Isla R1FJA-R1FJZ for Franz Josef Land; and R1A R1ANZ for Antarctica. These replace the 4J/ call signs previously used, which are no lon available to Russia.

Here's a list of countries who joined International Telecommunication Union in 19 Czech Republic; Georgia; Slovakia; Kazakhst Micronesia; The Former Yugoslav Republic Macedonia; Turkmenistan; Eritrea; and Andor The ITU now has 182 members.

The Department of Environmental Protect and Energy in New Jersey is proposing a fee owners of RF generating devices between 3 KHz and 100 GHz. In the proposal, Amat Radio is mentioned as being a significant source radio frequency radiation. The annual fee for ea and every antenna would average $500. A hearing on the matter in January, amateur ra and the ARRL were well-represented. A fi decision will be made by next December.

CLUB'S DRAKE STATION
FOR SALE BY SEALED BID

The Board of Directors has authorized sale of the Club's Drake station, giving C members first chance to purchase. T equipment consists of a Drake TR-7A solid-st HF transceiver, with a matching power sup speaker, remote VFO, Drake desk micropho and CW filters. Manuals and cables included. Everything is in perfect work condition.

To bid on the complete station, enclose y bid in an envelope, mark "BID" prominently the front of the envelope, make sure your na and call sign are also on the front, and send it RCT, PO Box 11188, Tacoma, WA 98411. T minimum bid will be $800. The envelopes will opened at the Board of Directors meeting A 6th and the station will go to the highest bidder.

For further information or to inspect station, contact the Treasurer, Jerry Seligm W7BUN, at 845-7652.

A.R.O.W.S.

On February 16th, 1994 at a regular meeting of the Women's Club it was voted by the members present that this Club shall, in the future, be known as **A.R.O.W.S.** which stands for **"Amateur Radio Operator Women's Support Club."**

AROWS will furnish the cookies for all future RCT meetings. We will also have a bake sale the first meeting of each month with the proceeds going to future projects.

AROWS will also be available to assist at Silent Key luncheons and other functions as well as run the food booth at the Flea Market.

We at **AROWS** look forward to helping the RCT as well as accomplishing our own projects and objectives.

Election of Officers: Marilyn Olson President, Janice Maynard Vice President, Lorri Martin Secretary and Tressie Hughes Treasurer. The next meeting of **AROWS** shall be held at the RCT Clubhouse March 16, 1994 at 7:30 pm.

RCT MUSEUM

EQUIPMENT DONATIONS WANTED

If you have, or know of, any older ham gear that would be appropriate for permanent display in the RCT Doc. Spike Memorial Museum, please contact Rob Lee, K7TGU. Rob will make arrangements to transfer the items and record the history associated with the equipment.

Many pieces of radio equipment that should be preserved for the future are lost when a ham becomes a silent key, and those settling the estate throw away or give away an invaluable piece of history. If you have ham equipment from the 1950s or earlier, make sure your heirs know that you want this equipment to be placed in the museum. Or better, donate it now so our history can be preserved.

SPRING TRAINING "Another First"

Every Saturday we will be providing training on the operation of our new radio station at the clubhouse. New lighting, new paint, new antenna, and a new super station is there for our use. Contesting, DX and fun contacts are here. Come on down and get your name in our log as being "Ready to Operate". Now! a special request for contesters. If you are very experienced or new to the game, we want you to be a part of the program. Let me know so we can get started. Let's get our name "W7DK" in the record books as a super contest station. We have the station, we have the people, all we need is to get going and let the world know who we are.

Jim K7YLM

20 YEARS AGO - March 1974

The Radio Club's Installation banquet will be held March 2nd at the Top of the Ocean Restaurant. Many members will be car-pooling because of the gas shortage. Bill Deatherage, WA7SCN, will be heading up the Field Day efforts this year.

The Building Committee has been busy working upstairs in the Clubhouse; Merl Chavis, W7IKG, finished the sheet rocking, and now the painting is being done. The Club authorized funds of $550 to cover the installation of a 200 amp service entrance and a 20 kilowatt electric furnace. Bob Weightman, WA7IPR, will install the service and Ralph Rawlings, W7COP, will install the furnace.

Users of the QSL Bureau are reminded that postage goes up from 8-cents to 10-cents an ounce on March 2nd. The ARRL is strongly opposing FCC's plan to use the 420 MHz band for medical paging services. The FCC has issued 555 repeater licenses and has 200 more applications to process.

The Women's Auxiliary President, Sandy Chudy, is looking forward to making some Easter ceramic items at the March meeting. She says they're a lot less fattening than chocolate Easter bunnies. 22 ladies attended the February meeting.

Smitty, K7ATD, is recovering from a broken toe after an accident with a bowling ball in his driveway. Dick, W7RGD, has been busy with a cousin visiting from Wales.

Shutterbug Needed!

The *Logger's Bark* needs a photographer. For further information contact Bill, N7TEQ, 582-9349.

RACES
ARES

BY SAM ROE KB7QQQ
TAC ONE MANAGER

TAC ONE

TAC 1 is an RV that has been modified to act as a Command and Control vehicle for the Pierce County Sheriff's department. It is used during Search & Rescue missions, local emergencies and S.W.A.T. Team missions (amateurs are not currently used during S.W.A.T. missions). TAC 1 is kept ready to roll at all times and the average response time is less than one hour.

Communications equipment includes HF, VHF, UHF, Handhelds, Scanners and Cellular Phones. We also have 2 meter/440 ham radios, packet and a computer. An intercom system is currently being installed by our members. This will provide direct-private communications between the Incident Commander (IC) and the Operations Leaders (OL).

We provide communications support for the IC by keeping track of teams in the field and relaying the IC's instructions to those teams. We may also be called on to contact various agencies in support of the mission (i.e., Fire Department, Hospitals, Red Cross, Dept. of Emergency Management, Air Evacuation and Military Units). Normally we operate out of TAC 1, but we can operate from any county vehicle, private auto, or fixed location. We recently provided amateur communications support for a FEMA team deployment and return during the January earthquake in California.

In the past, TAC 1 members received their training during actual missions and to an extent this is still the case. Due to a request by the sheriff's office for us to take a more active role in the operation of TAC 1 we have developed training courses. This not only prepares the TAC 1 volunteer but also provides consistency of operation between different teams. We are setting up a "Ride with a Deputy" program so we can learn more from them and vice versa.

We are adding lots of new equipment and different modes of communications to provide better service to the people we support. Some the things our members are currently working or soon will be, are a county DEM packet system, method of getting Global Positioning System (GP plots from the field to TAC 1 to be overlaid on computer generated Tropo map in TAC 1, Amate Television (ATV) pictures from the field to T 1/county agencies and satellite hook-ups mention a few.

It has been said that Pierce County Search Rescue (PCSAR) is #3 in the nation. Well, wi your help I believe we can be #1. As you can s there are many areas in which to participate an haven't even mentioned them all as some things a still being worked out between the county a ARES/RACES.

Being a TAC 1 member is a great way to u your skills as an Amateur Operator while providi a rewarding service to the community. All I ask f is a 4 hour block of time, per week, that you wou normally be available to respond, if the ne arises, plus a few weekends a year to atte training. If this sounds like something you wou be interested in doing contact me or one of t people listed below and check into the Pierce Coun Emergency Communication Services Net c 145.370 MHz, Tuesdays at 7:00 PM. We brief the previous weeks' missions and announce a upcoming events during the net. I'm looki forward to having you on the team.

73 Sam, KB7QQQ

TAC 1 Manager			
Sam	KB7QQQ	845-1832	
Assist. Manager			
Dave	KB7TTD	843-2310	
Training			
Tom	KB7JUJ	829-1879	
Technical			
Ed	KA7UKN	582-5034	
Technical			
Jeff	KA6KIY	846-8317	
Computers/Packet			
Mario	KD6ILO	588-9208	
Emergency Coordinator			
Craig	N7KME	897-8288	
RACES Radio Officer			
Jan	N7QHU	265-6551	

"DOC SPIKE"
Inspirational Awards 1993

Since 1974, the "Doc Spike" Inspirational Award has been presented annually to members of the Radio Club of Tacoma who through their enthusiasm, devotion, and actions have done the most to promote amateur radio, ensure the success of the club, and best emulate the first recipient, Dr. Clifford J. Spike, W7OS.

Each year, past recipients of the award nominate and vote for the person(s) of their choice to receive the award. Once again this year, the "Doc Spike Award" has co-recipients. The two recipients for 1993 are:

KATHLEEN NACE / NØEYK

Kathleen Nace, NØEYK has shown great enthusiasm for amateur radio and the Radio Club. She has participated energetically and positively in many club activities such as Bunny Hunts, ARRL Field Days, Flea Markets and been Chairperson of the Western Washington Puyallup Fair Booth for the past three years. She also is an avid participant in County hunting, with well over 3000 counties to her credit.

In addition to all of these activities, she has found time to upgrade to Advanced class, has presented educational programs for Radio Club meetings and helped with testing of persons for a Novice class license. She was nominated and elected to the office of President of the Radio Club of Tacoma for the years of 1992 and 1993.

She has truly been an inspiration to others in the club. In grateful appreciation, the "Doc Spike" Inspirational Award for 1993 is presented to:

KATHLEEN NACE
NØEYK

RAY PEDERSEN / W7KFN

Ray Pederson, W7KFN has shown great enthusiasm for amateur radio and the club. He has always been an energetic and willing volunteer for any project of the club. He actively participates in events such as ARRL Field Day, Flea Market, clubhouse repairs and presents educational programs for Radio Club meetings. He found time to upgrade to Amateur Extra class and now supports the Volunteer Exam program. He has been active as a Hospital Volunteer for RACES/ARES functions as well.

He was nominated and elected to the office of Secretary of the Radio Club for the years of 1990, 1991, and 1992. Most of all, his extreme patient, gentle and thorough manner as he worked through the process of the club's application for a 501(c)(3) tax exempt status was evident as he was able to report *successful completion* in August of 1993.

He is truly an inspiration to club members. In grateful appreciation, the "Doc Spike" Inspirational Award for 1993 is presented to:

RAY PEDERSEN
W7KFN

The Editor's Log Pile

Dear Editor, Here is the list of the "Certificate of Appreciation" awards from last night. I have included a brief reason each award which you may use or not, dear editor. They are in no particular order as they were last night. My bes you and thanks again for all your hard work. 73, Madame X

Ray Pedersen, W7KFN	Board member and 501(c)(3)
Dee Pedersen	Helped with 501(c)(3)
Mac McAllister, W7MSR	Board member, Tech. Comm., repeaters, nodes
Bill Shimmin, W7GBC	Teaching and testing
Link Jackman, N7CEO	Co-chair of Fair booth
Denny Field, KB7NAG	Sat. host, librarian, Antenna Wars
Bob Hagar, KI7HW	Co-conspiring on 40 meter phone at Field Day
Worth Gurley, W7WG	Co-hosting 40 CW at Field Day
Jim Kirkreit, K7YLM	V.P., greeter, DK cheerleader
Judy Kirkreit, AJ7R	Flea Market lunch room
Mac Parks, W6NBD	Co-hosting 40 CW at Field Day
Alan Allen, N7EAY	Flea Market leader, packet station at Field Day
Eva Anderson, WB7QNS	Sunshine and Phone
Dan Kelly, N7QWH	Co-chair of Fair booth
Rich Manson, N7ANF	Mother's Day breakfast
Joey Allen, KB7UXC	Novice/Tech. station at Field Day & new antenna
Shirley Murphy, N7QHW	Secretary, *BARK* mailing, all around helper
Malcome Maynard, KI7RZ	New Clubhouse antenna work
Jan Maynard, KB7UXO	Flea Market lunch room
Ralph Fuller, KA7FIG	*BARK* editor
Al Hughes, KB7SVU	Tower work on new Clubhouse antenna
Tom Murphy, N7QHX	Election Comm.
Jerry Hathaway, K7ETU	QSL manager and Field Day score compilation
Dolly Mattice	Flea Market lunch room
Al Mattice, KD6HXI	Tower work at Field Day
Jerry Seligman, W7BUN	Treasurer, educator, 20 CW at Field Day
Don Olson, KB7GKB	Mr. Truck Transport and 40 phone at Field Day
Marilyn Olson, KB7PKH	Flea Market lunch room, etc.
Bill Brown, N7TEQ	Flea Market Security, Photog
Frank Billington, KG7HB	Board member, drawings, Flea Market signs
Roger Nace, K7AYC	Board member
Kathleen Nace, N0EYK	President, etc., etc.
Carl Rosevear, KB7LIG	Field Day leader and generator work
Bob Tilley, KB7NBQ	Antenna Wars
Mike Treit, KB7QOP	Novice/Tech. station at Field Day
Ron Chudy, WA7UQV	Field Day operations
Barbara Osborne, W7UYL	Issuing Logger's Certificates
Mark Babcock, N7WGE	Novice/Tech. station at Field Day and generator
Larry Kirkgaard, KC7YT	Power distribution at Field Day
Andy Braaten, KB7DOX	Transport for Field Day and Flea Market
Les Fries, KA7MYU	Light tower for Club events
Ethel Devish, W7WLX	Sunshine for years
Dick Ryan, W7RGD	Printing *BARK*, other printing, historian
Bob Churchward, W7RXS	Keeper of the Castle
Joe Williams, N7OHN	Help with the packet station at the Fair
Gordon Carpenter, KB7OIM	Logger's Day contest
Trent Bronson, N2OBM	Tower work on new Clubhouse antenna
Ron Cummers, KB7RTY	Tower work on new Clubhouse antenna
Mike Hazelmyer, KB7VNT	Antenna Wars
Bud Thompson, N7FQR	Meeting coffee
Peg Thompson, N7IRW	Meeting coffee
Eric Thompson, N7IXO	Meeting coffee
Margaret Thompson, KB7WYK	Meeting coffee
Edith Strong, KB7KSY	Many hours in the Fair booth
Dick Strong, KB6PWR	Many hours in the Fair booth
Th-th-that'sss all folks!	Timber / Kathleen N0EYK

ANNOUNCING THE 1994 MIKE AND KEY ARC ELECTRONICS SHOW & FLEAMARKET

MARCH 12, 1994 @ 9AM
PAVILION EXHIBITION HALL
WESTERN WASHINGTON FAIRGROUNDS, PUYALLUP, WA
ADMISSION - $5 (UNDER 16, FREE w/ADULT)

TWO FLOORS WITH 44,000 Sq FEET OF EXHIBITION AREA

RADIO GEAR * COMPUTERS * CLUB INFO * PARTS
SNACK BAR * FREE PARKING * LICENSE EXAMS
CONSIGNMENT AREA * OVERNIGHT SC/RV's OK

For Sale

2 meter, 30 watt, 12 volt solid state transceiver. Regency model HR-212. 12 channel, crystal controlled. 7 crystals installed including 147.38 and 146.64 MHz. - $50.00 - Bob WB7QCS

Wanted

Info on ELMAC model AF-67 AM transceiver

Bob WB7QCS

NORTHWEST VHF-UHF CONFERENCE

Saturday April 9, 1994
Tacoma, Washington

R.S.V.P. by mail before April 5th 1994 Cost $18.00
To: Jim Christianson K7ND
P.O. Box 147
Fox Island, Washington 98333
Phone [206] 549-4062

BEST SELLING BOOKS FOR CONTESTERS

Why Homebrew Linear Amp Builders Keep Reloads	by Justin Case
Being Physically Fit is Important for Contesters Too	by Jim Shorts
Why You Should Work a DX Station More Than Once	by I. B. Shure
Spark Gap Transmitters and Early Wireless Gear	by Ann Teaks
Buying Ham Gear on Credit; Just Say Charge It!	by I. O. Lotts
Getting Tower Support Wires Above Backyard Traffic	by Guy Post
The Disadvantage of Driving to the Dayton Hamvention	by Ray Darr
The Best Type of Antenna Hardware	by Stan Les Steele
The Certificate Hunters Club	by Hunt A. Ward
Hemorrhoids and the Contest Operator	by Red B. Hind
The Key to More Contest QSOs	by Collin Moore
Operating All-Band Transceivers	by H. F. Riggs
Dissimilar Metals on Antenna Structures	by Wyatt Rust
Operating From Your Car Can Be Fun	by Moe Beale
Amateur Radio and Nuclear Physics	by I. N. Stein

Thanks - Kansas City DX Club

CODE PRACTICE

W7DK will be starting a code practice course on 10 meters 28.35 MHz and 2 meters 147.47 MHz Simplex at 7:00 pm on Tuesday January 4, 1994 for General Class and Thursday January 6, 1994 for Extra Class. Code practice will run through the months of January and February. Here is a way to work on that upgrade. **Give it a try! Jim K7YLM**

Michael Compton
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FOR SALE:

CDE Ham-M rotor, control box, and approx. 50-75 feet of control cable - $80 or best offer.

Heathkit IO-12 oscilloscope - $20.

ME-26DU voltmeter - $20.

SWR Bridge - $5

Hustler 75-meter coil for mobile antenna - $10

ICOM IC-2A 2-meter HT - $100 or best offer

Midland 13-509 crystal-controlled 220 xcvr - $100 OBO

KDK FM-2015R 2-meter xcvr with mobile mount - $150 OBO

Jerry, W7BUN, 845-7652

Trivia: For you Smokers; In the Los Angeles County Jail System, where all smoking has been band since September 1991, a pack of cigarettes can fetch $200 and a carton as much as $2000, officials said. Cigarettes have become the primary currency of confinement since the ban.

Trivia: The best vitamin of making friends is B1.

Trivia: Did you Know? Washington's first speed limit was 12 mph in 1909.

Trivia: Did you also Know? Washington's highway system was 10 miles of graded roadway in 1909.

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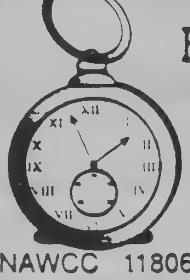
(800) 585-85

AJ7Y

DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409



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[redacted]

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FEDERAL WAY, WA 98003

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TACOMA	206 927-7600
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24 HR	206 529-7384
FAX	206 839-0145

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Mary D. "Dot" McKinley	After Hours	(206) 531-5600
Brendan M. Keyport	24 hour Fax	(206) 539-1453

RADIO AMATEUR VOLUNTEER EMERGENCY NETWORK

RAVEN

By Gene Kimzey, KA7HAM

Some ten years ago, a group of Amateurs got together and came to the conclusion that we needed an "Emergency Services Repeater System". The purpose of the network would be primarily for the use by A.R.E.S. and R.A.C.E.S. volunteers. An attempt was made to form an organization to manage the Network. Unfortunately, it failed because some were more interested in making the organization something other than it's intended objective.

Some three years ago, another group was formed to attempt the same purpose. This time the attempt has had some real success. This new group included Tom Sutton, WV7V; Jan Paterson, N7QHU; Craig Price, N7KME; Sam Roe, KB7QQQ; Jim Sutton, WA7PHD; Geno Kimzey, KA7HAM; Elly Kimzey, KA7LMC and many others who were active in RACES/ARES activities. October 1993 was the first real meeting of the Association. Dee Pederson suggested the name, Radio Amateur Volunteer Emergency Network, or R.A.V.E.N..

The official direction of R.A.V.E.N. is an organization dedicated to the installing and maintaining of an Emergency Services Repeater Network in Western Washington.

It is our purpose to assist both A.R.E.S. and R.A.C.E.S. organizations to the extent they feel is necessary. Our charter is built around the Education, Training, and Instruction of any organization requesting it, both public and private, with our primary thrust towards Emergency Services.

It is our intention to hold our meetings on the first Saturday of each month at 7:00 P.M. The place will be announced on the 145.370 MHz Repeater. Some of our activities will include Amateur Radio License Instruction , Technical Seminars and V.E. Testing.

We shall make every effort to support local "Radio Clubs" and to schedule our activities as to minimize time conflicts. Our membership is limited to Valid Amateur Radio operators with Valid Department of Emergency Services card, although from time to time, an Associate, Honorary Membership will be announced for some individual without an Amateur License.

In short, we hope to furnish and maintain the Repeater Networks and do some instruction for those who request it.

The 145.370 MHz Repeater was donated to R.A.V.E.N. and now has a new callsign of WC7AAO, which is assigned to the Pierce County Department of Emergency Management.

Questions may be directed to Jim Sutton, WA7PHD on the WC7AAO Repeater or by phone at 847-8888.

Amateur Radio Exams in the Puget Sound Area as of February 12, 1994

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, Kirkland - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 10 AM - North Seattle Comm. College, Rm 3343, 9600 College Way N. - Contact Mike Mitchell, W7WHT, 282-1438, Seattle

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, Kent - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

2nd Tuesday - 6:30 PM - Everett - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd Tuesday - 6:30 PM - Burley - Burley Bible Church - Olympic Drive - Contact Dave Brooks, N7HTK, 876-1399 (between 9 AM and 3 PM), Belfair

2nd & 4th Thursdays - 7:00 PM - Ft. Lewis Radio Club - Contact John Steele, KG7RX, 491-4682, Olympia

2nd Saturday - 10 AM - Tukwila - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - Auburn - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - Ferndale - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - Renton - Good Neighbor Center, 305 S. 43rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - Sultan - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, W7AGJ, 793-2526, Sultan

3rd Saturday - every 4th month - 9:30 AM - Aberdeen - Pearsall Center, 2109 Sumner Ave - next sessions - January 15, May 21. Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - Stanwood - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - Everett - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - Marysville - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4th Saturday - 9:30 AM - Bremerton - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

March 26 - Saturday - 10 AM - Radio Club of Tacoma Clubhouse, 1249 So. Washington St, Tacoma - Contact Jerry Seligman, W7BUN, 845-7652, Puyallup

Semiannually - Saturday - 9 AM - Olympia - Olympia Center - 222 Columbia North - Contact John Steele, KG7RX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306-80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

RADIO CLUB OF TACOMA, INC.
MINUTES FOR REGULAR MEETING
JANUARY 26, 1994

The meeting of the Radio Club of Tacoma was called to order at 7:30 PM by President Jim Kirkreit, K7YLM, with 99 members and 8 visitors present. A quorum is present to conduct official business.

ANNOUNCEMENTS: 2/2/94 RCT Board Meeting 7:30 PM RCT Clubhouse.

2/9/94 RCT Meeting 7:30 PM "Beginning Packet" Part 2 of 2 Pierce County Library Administrative Building at 112th & Waller Rd.

2/14/94 ARRL VE Testing 6:00 PM RCT Clubhouse.

2/16/94 Ladies Meeting 7:00 PM RCT Clubhouse.

2/19/94 Annual RCT Banquet 6:00 PM Elks Club in Tacoma 21st and Union.

3/26/94 ARRL VE Testing 10:00 AM RCT Clubhouse.

NEW CALLS AND UPGRADES: Congratulations Betty Weston, KC7ACY, is novice class and a new call.

HINTS & KINKS, TUNING & TRAFFIC, ETC.: Don't forget the Code Practice from W7DK by Jim, K7YLM, done each Tuesday at 13 WPM and each Thursday at 20 WPM beginning the week of January 3rd and lasting for 8 weeks. This occurs on the 10 meter band at 28.350 and also on 2 meters on 147.47 simplex at 6:00 PM both days lasting approximately 30-40 minutes. Record it and use it for practice later.

Mike, KB7VNT talked with Africa on 10 meters.

HEALTH AND WELFARE: Alan, KB7SVU, says his back is improving. Bob, KB7NBQ, has hurt his other hip. We wish them both a speedy recovery.

MEMBERSHIP: There are 380 members for 1994 as of this date.

MINUTES: Previous meeting minutes were available at the front of the room.

PROGRAM: The program for this evening on "Beginning Packet" is presented by Alan, N7EAY, who shared with us a brief history of how and when packet got its beginning. He demonstrated the flow of packet traffic with a clear graphic illustration. Al, KD6HXI, talked about the equipment needs in order to be able to become operational. A big thanks to both of these fellows for an interesting and informative program.

LOGGER CONTACTS: Please turn in all Logger Contact lists to Shirley, N7QHW, and she will see that they get to the appropriate person.

BANQUET: Marilyn, KB7PKH, reminds us that the banquet is February 19, 1994 at the Tacoma Elks Club located at about So. 23rd and Union. Cocktails at 6:00 PM and dinner 7:00 PM followed by the program and dancing. Tickets are available at RCT meetings or call Marilyn, KB7PKH or send a check and she will mail them to you. Tickets are $15.00 each.

LADIES GROUP: Marilyn, KB7PKH, reminds all ladies of the meeting on February 16, 1994 at the RCT Clubhouse at 7:00 PM. This Ladies Group will meet each 3rd Wed of each month. The February will concentrate on election of officers and choosing a name for the group.

COMMITTEES: Alan, N7EAY, is going to organize th committees for the RCT and is requesting volunteer Let Alan know your preferences instead of him lettin you know his preferences.

FLEA MARKET: Alan, KB7SVU, is chair for the Fle Market this year and will report at the next meeting.

FIELD DAY: Alan, N7EAY, reports that they are st working on confirming a site and will report on that the next meeting.

RACES/ARES: Shirley, N7QHW, announces for thos interested, the training for TAC ONE(Search and Rescu Vehicle) will be rescheduled and announced as soon as is known. It takes about 2-2 1/2 hours and walk-in are welcome. Spring is coming and there will b parades, etc which will need volunteers. She remind everyone to check their DEM card and if it is expired t contact herself or Jan, N7QHU, to get an applicatio card for renewal.

Also, Jan, N7QHU, announced their will be a state wid exercise on June 3,4,5 and 6 and many volunteers w be needed.

PACKET BBS: Jim, K7YLM, reports the BBS is u and running and welcomes everyone to check in to se what is there. He says there are approximately 200 500 new messages coming in each day and also th program purges itself each day down to only 150 messages so you need to get in there regularly.

MISCELLANEOUS: Jim, K7YLM, announces that ther will soldering and project building classes occurrin soon at the clubhouse on Saturdays.

NEW MEMBER CERTIFICATES: Certificates wer given to Randi Halverson, Scott Ojala, Guy Carlson Pat Mc Cann, N7GWP, and Steven J Puvogel.

LOGGER CONTACTS: A certificate will be mailed t Carl Durnauich, KF9FU, for his contacts during Logger Days in September.

Endorsements were available for Russel KB7UXK,and Jerry, K7ETU.

ADJOURNED: The meeting was adjourned at 9:00 PM Respectfully submitted,
Shirley Murphy, N7QHW, Secretary RCT

RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
FEBRUARY 2, 1994

The Radio Club of Tacoma Board of Directors meetin was called to order at 7:30 PM by President Jim Kirkreit, K7YLM. There were 8 board members and 1 guests present. A quorum is present for conductin official business.

TREASURER'S REPORT by Jerry, W7BUN.

General Fund Checking	330.35
Repeater/Packet Fund Checking	1,019.54
Flea Market Checking	525.00
Murphy Favre Savings	10,729.02
Scholarship Memorial CD	2,485.74
Total	15,089.65

MINUTES: The minutes of the January 5, 1994 Board meeting were available.

CORRESPONDENCE: A Thank You note was received from Rene Smith expressing her appreciation for all the support from the Radio Club. She also enclosed a check in the amount of $50 to the Radio Club in memory of Otho Smith.

LIBRARY: Jerry, W7BUN, reports that the plaque is here for the flag stand at the library administrative conference room and he will get it put on the stand within the next few days.

FLEA MARKET: Al, KB7SVU, will chair the Flea Market this year. There are two potential sites for the Flea Market with pros and cons as listed below.

CHARLES WRIGHT

PROS space, snack bar location, early advertising, good restrooms

CONS location, lighting, power available ?, loading dock, pallets and door sills, tables/ chairs, testing rooms?

CAMP MURRAY

PROS tables/chairs, location, testing rooms

CONS no early advertising, restrooms, space

The board agreed to transfer $100 into the Flea Market account to cover early expenses. Ray, W7KFN, will act as the Flea Market treasurer again this year.

REPEATER: Mac, W7MSR, reported on vox and finger printing possibilities for the repeater and the costs which were well over $500.(article attached) He felt that at this time the level of the problem does not warrant the additional costs. The board was in agreement.

CORPORATE FILING FORMS: Ray, W7KFN, reports that the only report to file at this time is the changes in the officers and board members.

FIELD DAY: Alan, N7EAY, and Carl, KB7LIG, will co-chair the Field Day event this year which occurs on June 25-26. The site for Field Day this has been confirmed at Marymount. Mark, N7WGE, is working on the generators so they will be operational for Field Day.

BANQUET: Marilyn, KB7PKH, reports the banquet will be February 19, 1994 at the Tacoma Elks located about on Union. Cost will be $15.00 per person. Only 34 tickets have been sold so far. The board approved having 2 $25 gift certificates as door prizes again this year.

SCHOLARSHIP: Kathleen, N0EYK, chairperson for this committee will be getting her committee together and defining a philosophy for the scholarship.

PACKET TRAINING STATION: Denny, KB7NAG, reports that there is a TNC and a computer available for the packet station but still needs to find a radio for it.

STATION MAINTENANCE: Jim, K7YLM, has appointed Mike Compton, KB7ZDR, as the person responsible for maintenance of the radio station and will also be helping with training as well as other training opportunities.

LADIES GROUP: Marilyn, KB7PKH, reports that the group met in January and all agreed they would like to be responsible for the coffee and cookies at the meetings as a means of raising funds for their treasury and asks for the boards permission to do this. Mac, W7MSR moved we agree to the Ladies' request. Seconded by Denny, KB7NAG. MOTION PASSED.

PHONE COORDINATOR: Jim, K7YLM, would still like to have a committee so phone call reminders can be made to members. He also feels that rides could be found for those who are unable to get to meetings possibly as part of this same process. Persons are needed so if anyone is interested, please contact Jim, K7YLM.

CLUB STATION: Jerry, W7BUN, reports that the new radio has arrived but he has not had a chance to even look at it yet. He asks the Board if they would like to sell the Drake when the new one is up and running. The board agrees that this should be done.

TRAINING SESSION: Jim, K7YLM, has arranged for us to have the Owen Beach covered kitchen area on 4/2/94 for our first training session and combine it with a potluck. He says they said it would also be alright to put up antennas if we don't damage the trees.

BBS: Jim, K7YLM, reports that the new software is still on its way but should be here soon. Discussion followed relating to who should be responsible for troubleshooting for the BBS. Agreement was not forthcoming so it was tabled for now.

COMMITTEES: Alan, N7EAY, is not ready for a report at this time. Ray, W7KFN, reminds us again that we need to have a publicity committee and develop a brochure for advertising our club.

TREASURER'S BOND: Jerry, W7BUN, reports that the ARRL now has the ability to provide bonds and asks if the board would like him to change to that company. The cost currently is $114 and would be $110 if we go with the ARRL bond. Jerry, W7BUN, moved we go with the ARRL bond. Seconded by Mac, W7MSR. MOTION PASSED.

KEY POLICY: Shirley, N7QHW, reports that each board member received a copy of the draft Key Policy at the first club meeting in January. She feels it is essential that the policy be discussed and put into effect since there are so many needs for keys. She moved we accept the policy as written. Motion died for lack of a second.

The board feels that this policy is too important to discuss at this late hour and it should be discussed and acted upon at the next board meeting. Denny, KB7NAG, so moved. Seconded by Jerry, W7BUN. MOTION PASSED.

BARK: Ralph, KA7FIG, requests permission to set up at the club meetings for taking pictures of club members. Permission granted.

MISCELLANEOUS: Mac, W7MSR, announced that there will be a NW VHF/UHF Conference held at the Tacoma Inn on Saturday, 4/9/94. The information is attached and will also be on the bulletin board at the clubhouse.

License renewals should only be sent in 3 months in advance of their expiration.

ADJOURNMENT: Meeting adjourned at 10:00 PM.
Respectfully submitted,
Shirley Murphy, N7QHW, Secretary, RCT

RADIO CLUB OF TACOMA, INC.
MINUTES FOR REGULAR MEETING
February 9, 1994

The meeting of the Radio Club of Tacoma was called to order at 7:30 PM by President Jim Kirkreit, K7YLM, with 103 members and 6 visitors present. A quorum is present to conduct official business.

ANNOUNCEMENTS:
2/14/94 ARRL VE Testing 6:00 PM RCT Clubhouse.
2/16/94 Ladies Meeting 7:00 PM RCT Clubhouse.
2/19/94 Annual RCT Banquet 6:00 PM Elks Club in Tacoma 21st and Union.
3/26/94 ARRL VE Testing 10:00 AM RCT Clubhouse.

NEW CALLS AND UPGRADES: Congratulations to:
UPGRADES: John Edwards, KC7AEQ, Tech Plus; Roxann Holwege, KC7AFR, Tech Plus; Jeff Holwege, KB7ZQU, General; Craig F. Knowlton, KB7OLZ, General
NEW CALLS: Guy Carlsen, KC7AIW; Bill Wold, KC7AKY; John Edwards, KC7AEQ; and Ed Horsman, KC7ADL.

HINTS & KINKS, TUNING & TRAFFIC, ETC.: Don't forget the Code Practice from W7DK by Jim, K7YLM, done each Tuesday at 13 WPM and each Thursday at 20 WPM beginning the week of January 3rd and lasting for 8 weeks. This occurs on the 10 meter band at 28.350 and also on 2 meters on 147.47 simplex at 6:00 PM both days lasting approximately 30-40 minutes. Record it and use it for practice later.

Jim, K7YLM, has available an article on how to build an "Inverted-Psi Wire".

Jim also reminds us of the rare DX from Peter One Island. Call is 3YO PI .

For those who are interested, the February QST has the RS 12 Russian satellite entire schedule in it.

HEALTH AND WELFARE: Ralph, KA7FIG, is down with pneumonia and we wish him a speedy recovery. George, N7TEP, is with us with both casts and in a wheelchair this evening. Welcome back George.

MEMBERSHIP: There are 395 members for 1994 as of this date.

MINUTES: Previous meeting minutes were available at the front of the room.

PROGRAM: The program for this evening on "Beginning Packet-Part 2" is presented by Alan, KB7SVU,who shared with us the basic packet commands for reaching the BBS' and how to read messages and also send messages. Joann, N7VPB, explained the node networks and how they work. At the end, Bill, KB7CNN, gave a brief explanation of his BBS. Thanks to Alan and Joann for all their time and efforts to present this program for us.

LOGGER CONTACTS: Please turn in all Logger Contact lists to Shirley, N7QHW, and she will see that they get to the appropriate person.

BANQUET: Marilyn, KB7PKH, reminds us that t
banquet is February 19, 1994 at the Tacoma Elks C
located at about So. 23rd and Union. Cocktails at 6:
PM and dinner 7:00 PM followed by the program a
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LADIES GROUP: Marilyn, KB7PKH, reminds all lad
of the meeting on February 16, 1994 at the R
Clubhouse at 7:00 PM. This Ladies Group will meet
3rd Wed of each month. The February meeting
concentrate on election of officers and choosing a na
for the group.

FLEA MARKET: Alan, KB7SVU, reports that the F
Market will be August 13, 1994 and the location is
to be determined.

NEW 610 FORM: Jerry, W7BUN, reports that t
new FCC 610 Form is now out and will be the only fo
that can be used from March 1, 1994 forward. He a
reminds that it cannot be used prior to March 1, 199

RACES/ARES: Craig, N7KME, Emergen
Coordinator announces for those interested, t
training for TAC ONE(Search and Rescue Vehicle)
be this weekend February 12, 1994 at 11:00 AM
Thun Field CAP Building. It takes about 2-2 1/2 ho
and walk-ins are welcome. Past activities inclu
support for the Response Team that left McChord to
in the Los Angeles earthquake, an evidence search, a
a search for a lady who was lost in Tacoma. Shirl
N7QHW announced that Craig, N7KME, is resigning
to personal time commitments and if anyone
interested to contact her.

MISCELLANEOUS: Jim, K7YLM, announces th
there will be a this weekend, Feb 12, and welcom
anyone who is interested. These project classes will
held at the clubhouse.

Jim, K7YLM, has reserved Owen Beach
April 2, 1994 for a learning experience and a potlu
or whatever.

NEW MEMBER CERTIFICATES: Certificates
membership for new members are Steve Overma
KB7JKZ; Jim Goodwin, N7OIP; Sheryl Stracen
KB7WQH; Craig Knowlton, KB7OLZ; Frank Bannon,
Milton Campbell, N7ZWS; Rick Lett, KN6LD; Ka
Edwards, N7KWF; Rufus Parker, KB7SLX; Becca R
KB7YCL; Diane Roe, KB7YCK; Daniel Anders
KA7EKC; Mark Tapper, KB7ZQM and Sherry Bown, N

New Life members are Marie Fuller, KA7H
and Ralph Fuller, KA7FIG.

LOGGER CONTACTS: Certificates were available
Garry Miller, KB7ZDS; Mark Terjeson, N7FIT, a
Douglas E Stangler, KB7WYY/AE. Endorsements we
available for Russell, KB7UXK; Jerry, K7ETU; B
N7QOZ, and Dick, W7RGD.

ADJOURNED: The meeting adjourned at 9:20 PM.
Respectfully submitted,
Shirley Murphy, N7QHW, Secretary RCT

March 1994

W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1 147.28 NET 7:30 PM ------------------ #HANK'-NK7E # BOB -KB7TL # PEGGY-WB7BIH #ALF'- KB7QFT	2 Board Meeting Club House 7:30 pm.	3 #BUD'-N7HKS	4 # AARON -N7PBS	5 PINOCHLE/ POTLUCK Clubhouse 7pm ARRL International DX Contest # BILL -W7GBC # RALPH -WM7P
6 ARRL International DX Contest	7 #JIM'- KB7TZ #STEVE TERJESON	8 147.28 NET 7:30 PM ------------------ #JIM'-N7DKI #LINK'-N7CBO	9 W7DK MEETING Library 112 St.E.& WALLER RD. 7:30pm # ROY -N7BXI	10 # WAGNER-N7COT # VIVIAN HUNTLEY	11 # DAN -AJ7K #JIM'-N7MEB	12 ***Mike & Key FLEA-MARKET*** # STAN - N7OAX
13 # GUY - KC7AIW # SHERRY BOWN	14 #ANDREW-KB7DOX #CLIFF'-N7WBM	15 147.28 NET 7:30 PM ------------------ MVWS VE TESTS # DENNIS-N7TZQ	16 *LADIES MEETING Clubhouse 7:30 pm.* #ERIC'-WA7GHE #JERRY'-AA7NU	17 # BETTY -N7TEN # KAREN -N7TPS St. Patrick's	18 #BILL'-KC7AKY	19 # MARGIE-K7AMJ # GLENN- W7SAB
20 *LOGGER'S BARK "DE-ADLINE"* *Spring begins*	21 #AL'-K5EAF	22 147.28 NET 7:30 PM ------------------ #GORDY'KB7OIM #NAT' SHILLEY	23 W7DK MEETING LIBRARY 112 St.E. & WALLER RD. 7:30pm # ALEX -W7AZR # HELEN -W7WRI	24 # BOB -N7AHR # ALAN -KB7YBQ	25 #RICH' KC6STO #BOB'- KB7UXF	26 *LICENSE EXAMS - RCT* CQ WW WPX CONTEST # LUCILLE-NB7T
27 CQ WW WPX CONTEST #BOB'- N7YS *Palm Sunday*	28 LADY'S PINOCHLE CLUB-HOUSE NOON # EDITH-KB7KSY # BRIAN -N7UFA	29 147.28 NET 7:30 PM ------------------	30 ARES MEETING Clubhouse 7:30 #LES'- N7QWJ	31 #WALT'- W7TOU #RICK'-KB7TDK		

February

S	M	T	W	T	F	S
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6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

April

S	M	T	W	T	F	S
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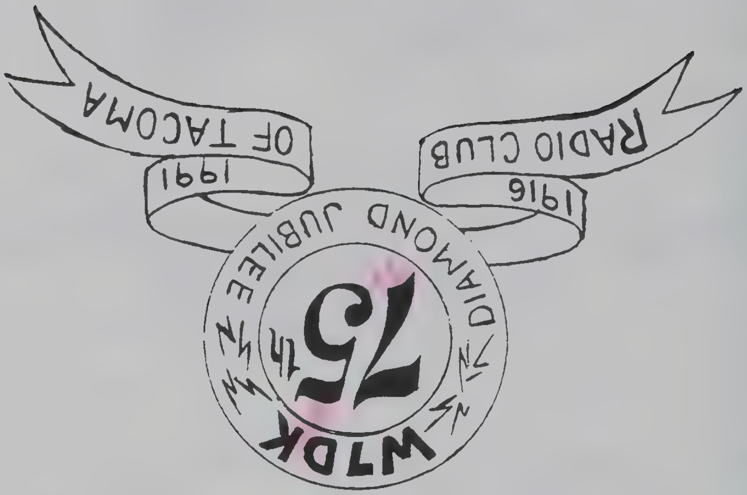
# Happy Birthday

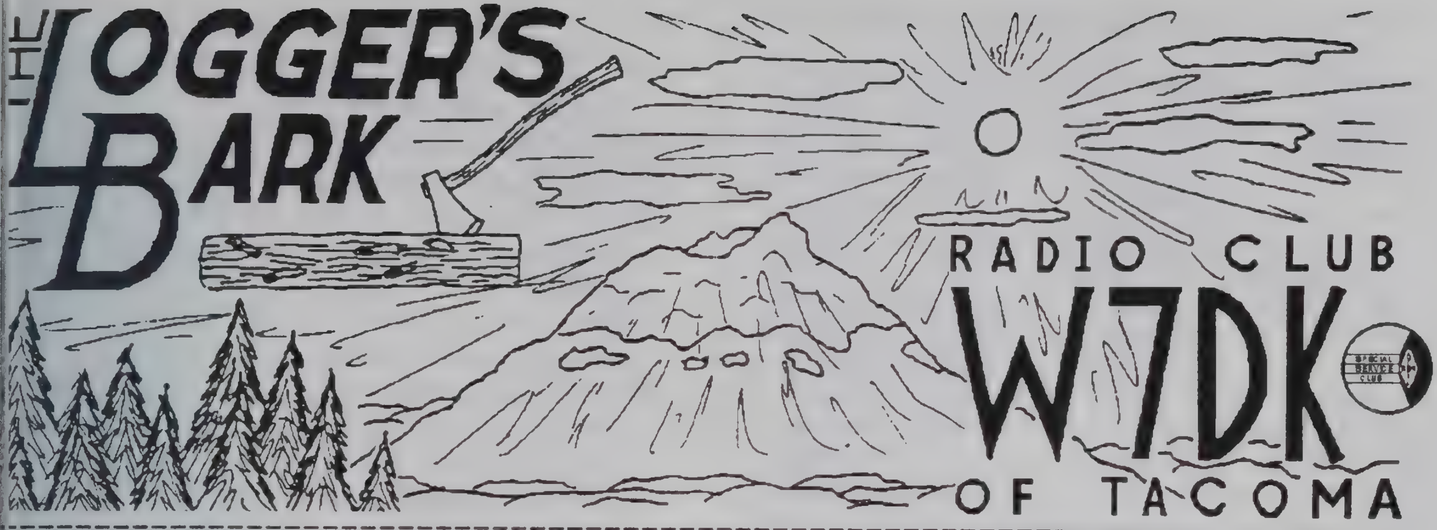

RADIO CLUB OF TACOMA
1916
1991
DIAMOND JUBILEE
75th
W7DK

NONPROFIT OR
U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO.: 10

THE LOGGERS BARK

RADIO CLUB OF TACOMA, INC.
PO BOX 11188
TACOMA, WA 98411

ADDRESS CORRECTION REQUESTED



DL. XXXI NR.4 W7DK APRIL 1994

FROM THE PRESIDENT

by Jim K7YLM

IE OUTLOOK

The Radio Club of Tacoma is about to undertake a w dimension in activity. Starting in April we will have least two contests each month for the rest of the year. e contest will be exclusively for novice, tech., and ch-plus. The other will be for all classes of license lders.

In addition, our station at the W7DK clubhouse will in operation on major national and international ntests. Every Saturday W7DK will be on the air for ing, ragchewing, training and large portions of fun. e will furnish the coffee and donuts too.

Our new packet training station will be operational in ril from the main floor of the clubhouse. This will allow our members and friends who are physically allenged to learn and use all that packet can provide.

Our club will present outdoor training covering the owing subjects: antenna design and manufacture, tenna setup and tuning, radio tuning and operation and V/phone protocol. The food will be potluck; however, 7DK will provide hot-dogs, pop and, on occasion, a v nice culinary surprises. The first event is the ***vasion of Owen Beach"*** on April 2. We will then be the homes of Alan and Tressie Hughes, KB7SVU/ 7BAL, and Tom and Shirley Murphy, QHX/N7QHW. Dates and schedules of events will be vided in advance. In addition, we have reserved liday Park at McChord AFB for fun, food and training Aug. 28. All of these events are family oriented with mes and prizes for the kids. There will be many prizes certificates at all activities presented by the Radio ub of Tacoma. Every area is wheelchair accessible. r events will have a goal of providing training and sistance to our members. It is with pride that I say 7DK cares about its members". **Join us! Be a part everything.**

Jim K7YLM

The RCT Invasion of Owen Beach

April 2, 1994

Point Defiance Park Located At The North End of Pearl St.

Follow the signs in the park
to Owen Beach

All Members /Families Invited

Potluck

Starts At 10 am

W7DK Will Provide Hot Dogs and Pop Games and Super Prizes For All The Kids, Large and Small

Featured: Antennas On Land & Sea

Antenna Wars II

HF Stations, Antenna Installations, Antenna Tuning, Station Protocol

Rain or Shine!

RADIO CLUB OF TACOMA
1994

PRESIDENT	JIM KIRKREIT	K7YLM	927-7825
V PRESIDENT	ALAN ALLEN	N7EAY	475-7413
SECRETARY	SHIRLEY MURPHY	N7QHW	759-5350
TREASURER	JERRY SELIGMAN	W7BUN	845-7652
BOARD (4)	DENNY FIELD	KB7NAG	NONE
	RICH MANSON	N7ANF	474-8883
	JOHN McALLISTER	W7MSR	952-7388
	KATHLEEN NACE	NØEYK	862-8635
LOGGERS BARK STAFF			
EDITOR	RALPH FULLER	KA7FIG	582-5841
REPORTERS	JERRY SELIGMAN	W7BUN	845-7652
	SHIRLEY MURPHY	N7QHW	759-5350
	ROGER NACE	K7AYC	862-8635
	DICK RYAN	W7RGD	627 0922
PHOTOGRAPHERS	BILL BROWN	N7TEQ	582-9349
COMPOSITOR	"NICK" OLSON	N7BCV	536-8940
PUBLISHER	W7DK PRESS	N7QHW	759-5350

****

CLUB MEETINGS

7:30 PM. - PIERCE COUNTY LIBRARY DISTRICT CENTER
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411.

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, 1/2 the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Mail all articles and advertising to Ralph Fuller, KA7FIG, 8208 Southway SW. Tacoma, WA. 98498. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. The *Loggers Bark* does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in the *Loggers Bark* if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO THE *LOGGERS BARK*, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

Antenna Wars II

Rules and details will be coming out the month of March for the Big Antenna War April 2nd.

Shutterbug Needed!

The *Logger's Bark* needs a photographer. For further information contact Bill, N7TEQ, 582-9349.

COMING EVENTS

APR 2 - Field Training & Potluck at Owe Beach, beginning at 10am.

APR 2 - Antenna Wars II at Owen Beach.

APR 2 - Pinochle/Potluck 7pm Clubhouse

APR 4 - Novice/Technician Classes begin at the Clubhouse - to register call Bill Shimmin at 584 1086

APR 6 - Board of Directors meeting - 7:30 PM - a the Clubhouse - all members are invited.

APR 13 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - Program: ***"Antennas."*** Hal, W7EC, will show a video and demonstrate the Super Slingshot technique o putting antenna wires into trees. He will also describe a homemade crank-up tilt-over towe and a homemade HF beam.

APR 20 - AROWS Ladies Meeting 7:30pm at the Clubhouse.

APR 25 - Ladies Pinochle 12pm

APR 27 - Club Meeting - Library Center - 112th & Waller Rd - 7:30 PM - Program: ***"What is Antenna Gain?"*** Hal, W7EC, and Jerry W7BUN, will team up to explain how to use decibels and how antenna gain is measured You will learn how to recognize inflated gai specifications that antenna manufacturer often use in their advertising.

APR 28 - ***Bark*** Labeling Party 10am at the Clubhouse

MAY 9 - License Exams - 6 PM - Clubhouse.

JUN 18 - License Exams - 10 AM - Clubhouse.

JUN 25-26 - Field Day - new site: Marymount i Parkland.

AUG 13 - RCT Flea Market - new site: Charle Wright Academy.

MOTHER'S DAY BREAKFAST

Here it is April already and **Mother's Day, Ma 8th** is just around the corner. We hope th Clubhouse at 1249 S. Washington will be packe to the maximum. As in the past, the doors wi open at 8 am and close at 11am.

The cost is easy. **Mothers are Free**, childre under 12 are $1.50 and everybody else is $3.

The menu will be hotcakes, eggs any style a ordered, a slice of ham, orange juice, coffee o tea.

Traditionally this breakfast has been put on b the men of the Club. **HELP!** On the job training i available. I need four or five volunteers to hel with the cooking and serving.

To volunteer, please call Rich, N7ANF, 474-888

NEW MEMBERS:

. DONALD (DON) F. O'KEEFFE RCT#1712
8905 ZIRCON DR. SW
ACOMA, WA 98498 584-0502

. GARY DE BOCK, N7EKX RCT#1715
. RUTH DE BOCK, KC7BAR RCT#1714
22 W. MAIN
UYALLUP, WA. 98371 848-4748

. ZACH PRADEL, KC7AZO RCT#1716
4826 16TH AVE. S.
ES MOINES, WA 98198 824-2683

. LORRI L MARTIN, NO CALL RCT#1713
927 H OHIO AVE
T. LEWIS WA 98433 964-8912

ADDRESS CHANGES:

. RICK LETT, KN6LD
657 BELLS BEACH RD.
ANGLEY, WA 98260 206-730-1821

. BILL HEATON, N7WRI
8700 33RD AVE. W. #B-290
YNNWOOD, WA 98037-4743

. JOE BUSHNELL, WA7BLE
IANA BUSHNELL, WA7BLF
ONY BUSHNELL, KB7MPD
.O.BOX 302
ACIFIC BEACH, WA 98571-0302

. MARIO BADUA, JR, KD6ILO
706 84TH ST. CT. S. APT F
ACOMA, WA 98409

W7DK STATION TRUSTEE

EX HAYES, W7NP
3215 16TH AVE. SOUTH
OY WA 98580 1-206-843-2831

REINSTATEMENT:

LEANA (LANA) SCHUMACHER, W7RHM
1427 12TH AVE. SW
EDERAL WAY, WA 98003 839-1286

NEW CALLS:

ARY MORRIS, KC7AVU
TEVEN PUVOGEL, KC7AVE
UD MITZE, KC7AVT
TEPHEN LEE, KC7AVB
D LOCHBIHLER, KC7BAI
AM TERJESON, KC7AZV
TEVE TERJESON, KC7AZW
UE BALDWIN, KC7AVS
RESSIE HUGHES, KC7BAL
COTT OJALLA, KC7BAE
ANDI HALVERSON, KC7BAN

CORRECTIONS AND ADDITIONS:

UDY KNEIP, WB7EQZ - New Phone - 566-0409
ON TREICHLER, KB7MLD & PAULA
TREICHLER, KB7RYK - New Phone - 884-5317

LOGGER'S CERTIFICATE ANNUAL REPORT

de Barbara, W7UYL

Thirty-seven years ago, on April 12, 1957, the first Logger's Certificate was issued to Dick Dundon, W7LIA. Since then, I have written 622 certificates, the latest to Bud Mitze, KC7AVT. Sometimes there is a lot of activity, other times, very little. (Right now, you are keeping me pretty busy!) But who would have imagined, when we designed this certificate, that it would still be around thirty-seven years later? It has always been a great way for new club members to become acquainted.

We have sent out 9 DX Certificates. The recipients cover all of the United States call districts plus England, Japan, West Germany, Norway, Denmark, Russia, Canada and Puerto Rico. Every so often, I get inquiries from people who publish directories of various awards, so awareness of our Logger's Certificate is always increasing.

Following is a list of stations who have worked 100 or more members of the Radio Club of Tacoma.

Richard Ryan	W7RGD	810
Eva Anderson	WB7QNS	770
Jerry Hathaway	K7ETU	700
Jerry Seligman	W7BUN	600
Marion O'Neal	WV7Z	420
silent key--Roy Devish	W7AZI	400
silent key--Doc Spike	W7OS	360
Bob Crelling	N7QOZ	340
Robert Nagley	N7AHR	320
Richard Carlson	WB7RAX	300
Wilfred Steklenburg	N7AZN	290
Donald Rojewski	WB7VHA	280
silent key Rodney Rever	WA7ZSR	250
Richard Hazelmyer	WB7CRR	210
Edward Coles	K7CZM	210
William Stalder	N7BAA	200
Joe Jenks	KA7DCX	200
Philip Dunn	KD7ME	200
silent key--Robert Sailors	WB7AKB	190
Jack Moore	WA7ENB	190
Donald Perry	K7QLC	190
Don Murphy	N7AEJ	180
Joseph Winter	WZ7M	180
Lawrence Stoll	W7IIU	170
Harold Dawson	WB7OTY	170
Russell Foster	KB7UXK	170
Johnny McCaw	N7AGC	160
silent key--Jack Hawarth	WB7AJR	160
Patricia Morgan	N7CAK	150
silent key--Irma Duncan	W7OVW	150
Robert Stewart	WB7QCS	150
Carol Olver Evans	AE7X	150
Marvin Wheeler	KG7V	140
Joy McCaw	N7AZQ	130
Leonard Wampole	WB7CFH	130
Albert Tanner (formerly WB7OMN)	KD7JM	130
Howard Frey	W5PBL	130
silent key--Otho Smith	K7ATD	120
Ken Anderson	WB7QNT	120
Al Wittich (formerly KA7SBJ)	KF7RV	120
Donald Hutt	WB7BLQ	110
silent key--Denty Moore	WB7PKM	110
David Reed	WA7QGI	110
Mike Thompson	WB7QNP	110
Al Carter	K5EAF	110
Roger Nace	K7AYC	100
Angela Korn	KC7EQ	100
Marilyn Olson	KB7PKH	100
Grace Teitzel	AD7S	100
Mike Hazelmyer	KB7VNT	100

LOGGER CONTESTS

Loggers Contests. We have always provided certificates and endorsements for anyone completing contacts with 10 club members. This activity has been expanded to include pie and coffee for every 10 contacts made with RCT members during March and April. At the first meeting in April the grand prize for the most club members contacted during March will be dinner for two at Shari's Restaurant. The same award will be made for logger contacts made during April.

W7DK Friendship Award. During April contact RCT members and collect every letter of the alphabet. The letter to be collected is the letter immediately following the call sign number, i.e. for W7DK, the letter D is the one collected. All contacts must be on 2 meters only. Each mode can be used but once per letter. Contacts through W7DK repeater - 1 point, simplex FM contacts - 2 points, simplex CW contacts - 3 points. (Put that oscillator in front of your mike). Awards will be made for positions 1 through 10.

COUNTIES FOUR Contest. April 23 noon to 5:00 p.m. Classes eligible: Novice - tech - tech plus. Contacts made by W7DK members to any station any class of license in King, Pierce, Thurston, and Kitsap Counties. 147.47 simplex FM voice; 146.58 modulated cw (oscillator in front of mike); 28.2 CW; 28.35 SSB. One point for each FM or SSB contact, two points for each CW contact. A contact consists of the call and the year first licensed. Expect pileups and lots of fun. Super prizes (well lots of glory anyway).

A.R.O.W.S.

On behalf of A.R.O.W.S. thanks to all of you who supported our bake sale at the last RCT meeting. We now have over $100 in our treasury. Our first undertaking is to assist Bud, KC7AVT, at the Antenna Training and potluck at Owen Beach on April 2. We will take care of preparing the hotdogs and assist with the potluck and anything else we can do.

We are looking ahead to other projects and are open to suggestions. We are thinking about a Father's Day Breakfast in June for all of you nice Dads. Some of us are also planning to participate as representatives of both A.R.O.W.S. and RCT by assisting in some of the walks and races coming up this Spring.

If anyone knows of any RCT member who might need some help that could be provided by A.R.O.W.S. members, please let us know. Again, thanks for the support at the last RCT meeting. We plan on doing a lot of things in the future for RCT and A.R.O.W.S

Marilyn, KB7PKH

NEWS FROM ARRL AND WESTLINK REPORT

de W7BU

Effective March 1 with the implementation o the new FCC Form 610, the FCC will prin "Technician Plus" on the license of all Technicia Class licensees who have passed the 5-WPM CV examination. Current Technician licensees wh have previously passed the 5-WPM test wi receive Technician Plus licenses when they rene or modify their licenses.

Amateur satellite Korean Oscar 25 (KO-25) i available for use after a period of testing. KO-25 i a 9600 bit/s packet store-and-forward satellite wit uplinks on 2-meters and downlinks on 70 cm. Se October, 1993 QST, page 98.

The ARRL filed comments with the FCC in th matter of instant licensing for new amateurs. Th League told the FCC to rush electronic filing o Form 610s rather than expending efforts t implement instant licensing. Almost all the 7 groups and individuals who filed comments agree that the idea should be shelved.

The Radio Amateur Satellite Corporatio (AMSAT) celebrated its 25th anniversary in March In early January, 1969, a small group of intereste amateurs began meeting in the Washington, D area with the idea of forming a group to carry o the objectives of Project OSCAR (Orbital Satellit Carrying Amateur Radio). Today AMSAT support both amateur satellites and the SAREX (Shuttl Amateur Radio Experiment) program.

An interpretation of the Part 97 rules by th FCC's Private Radio Bureau validates the authorit of a repeater trustee or licensee to ban license radio amateurs from operating over an ope repeater. The FCC was responding to a letter fro the trustee of a California repeater syste concerning a ham who was harassing people o the system.

In Remembrance

Edwin Parkinson, KA7FYE, 5-20-1914 to 3-8-199

RCT Number 1158

Ed joined the Radio Club of Tacoma in March 1985. A native of Napavine WA, Ed resided Tacoma for the past fifty years. Ed was an avi radio operator and had many friends around th world. He shall be remembered for his wonderf sense of humor and his friendliness in the amate hobby.

JOIN THE EXCITING WORLD OF HAM RADIO

FREE CLASS

NO-CODE TECHNICIAN AMATEUR RADIO LICENSE

Starts

APRIL 4, 1994

For 11 Weeks

6:00 to 7:30 PM

(Code practice for the Novice license 7:30 to 8:00 PM)

1249 South Washington Street - Tacoma

Sponsored by:

The Radio Club of Tacoma

To Register, Call:
Bill Shimmin, W7GBC - 584-1086 -or-
Jerry Seligman, W7BUN - 845-7652

Books will be available at the class for $19.00

THE EDITOR'S LOG PILE

Those of you who read the minutes each month know that the *Barks* which were starred in red, as a reminder to pay up, have left the Club in financial straights for 1994. To correct this matter the Vice President at the regular board meeting made a motion and the Treasurer seconded the motion that all full members shall be surcharged one half of their 1994 dues at the 1994 rate to make up this deficit. The vote was 3-4 against until the President voted in the affirmative; which hopelessly deadlocked the board. An amendment was now in order to allow the *Bark's* Compositor to cast the tie breaking vote, to circumvent a hanged board. This he did by voting in favor of the motion.

You should have received this surcharge in the mail prior to the delivery of the *Bark* so that if you bring the surcharge to the **April Second Antenna Party at Owen Beach** the Secretary has been given the power to cut your surcharge in half.

Another motion was made by the Secretary and seconded by the Treasurer to exempt life members for life. This motion was passed 8-0.

April is such a blue month. While some of you are fretting about April 15th, I will be celebrating my daughter's anniversary with her doctor husband whose father is a very successful CPA; so now you know why we celebrate April 15th.

The real killer was back in March. I spent all of my boat anchor money at the Mike and Key Flea Market. The local county treasurer has already announced that boat anchors would not be legal tender come April 30th. Flea Markets are such a good idea. RCT is really fortunate to have their flea market in August at **Charles Wright Academy** with no lurking federal or county revenuers about to check you out to see if you are spending your second half taxes on those recycled treasures you couldn't pass up in March. That would be double JEOPARDY.

In the last three ***Barks*** you have been reminded to check your amateur license renewal date. If you think you're going to live for the next tens years you will be years ahead if you renew now. And don't forget to renew the ARRL.

In closing I would like to thank the guest editor in March who by listing you by name and deed showed the ninety percent who the ten percent is that do all of the work around here. Our President is dedicating his term in office to that ninety percent so that the awards at the **Awards Banquet** can be ninety-five percent bigger in '95. Have a Happy *April Fools Day*. **Timber*!***

RACES ARES

by Shirley, N7QHW

Spring has sprung and here we are behind the eight ball again. One of the many areas of service provided to the community by the members of the Pierce County Emergency Communication Services Group has its busiest time in the spring and summer. To be more specific, we call these events **Public Service Events** and Irene Jolly, KB7IGW is the manager for organizing all of these events.

The Pierce County Communication Bus is usually used for these events also so those who participate not only learn how to function for parades, walks, etc. but they may also have an opportunity to become familiar with the equipment on the bus and also gain some valuable net control experience. Bud Bush, N7HKS, is the manager of the bus.

We also use these occasions for teaching amateur radio operators how to function and what to say or not to say in controlled net situations. In an emergency situation, each individual's manner of conduct is crucial to the effectiveness of the net control process. So far sounds like all business and no fun but believe me there is lots of fun too. Many events have free T-shirts and lunches and you meet lots of fun and interesting people.

The equipment needed is a handheld radio capable of transmitting on 2 meters, fully charged batteries and a spare if possible, and a good antenna. Most of the time 145.37 repeater is used as well as the 145.21 repeater. Tone capability is often needed so you should have the capability in your radio. Occasionally, the communications will be done using a simplex frequency which would be announced at the time of the event.

Coming events are:

4/9/94	Multiple Sclerosis Walk - free T-shirt and lunch
4/16/94	Daffodil Parade - free front line view of the parade
4/23/94	March of Dimes Walk - free lunch and maybe a T-shirt
6/94	Sound to Narrows - free T-shirt
7/94	Tour de Pierce - free T-shirt

To volunteer for any of these events, contact Irene, KB7IGW, at 927-5793 or contact her on the air on 145.37 repeater or 442.45 repeater. She needs lots of help so give her a call and help out for one or even all of the events.

Membership in RACES/ARES is not required but is desired. You can pick up an application at any radio club meeting from Shirley, N7QHW, or contact her at 759-5350 and she will mail you one.

Amateur Radio Exams in the Puget Sound Area as of March 13, 1994

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, Kirkland - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 10 AM - North Seattle Comm. College, Rm 3343, 9600 College Way N. - Contact Mike Mitchell, W7WHT, 282-1438, Seattle

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, Kent - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

2nd Tuesday - 6:30 PM - Everett - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd & 4th Thursdays - 7:00 PM - Ft. Lewis Radio Club - Contact John Steele, KG7RX, 491-4682, Olympia

2nd Saturday - 10 AM - Tukwila - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - Auburn - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - Ferndale - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - Renton - Good Neighbor Center, 305 S. 43rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - Sultan - 10 AM - Sultan Elementary School - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - Aberdeen - Pearsall Center, 2109 Sumner Ave - next sessions - May 21. Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - Stanwood - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - Everett - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - Marysville - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4th Saturday - 9:30 AM - Bremerton - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

May 9 - Monday - 6 PM - Radio Club of Tacoma Clubhouse, 1249 So. Washington St, Tacoma - Contact Jerry Seligman, W7BUN, 845-7652, Puyallup

Semiannually - Saturday - 9 AM - Olympia - Olympia Center - 222 Columbia North - Contact John Steele, KG7RX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306-80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

20 Years Ago April 1974

April brings a full slate of activities. First is the visit to the Boeing Employees Amateur Radio Society (BEARS) on April 6th to present the CW Sweepstakes trophy to the winners of the contest between RCT and the Bears. Next will be a vote on changes to the Club's constitution at the April 10th meeting. Also in April is the Skagit Amateur Radio Club's hamfest near Arlington which features a tour through the Navy's million-watt VLF station at Jim Creek.

The Club's tower has reached 60 feet and still growing. Only 39 attended the annual installation banquet; it seems that the gas shortage kept everyone home. 24 club members met for Sunday breakfast and then attended church service at Manitou Church where Roy Myers, WN7UZL, Club Secretary, is pastor. Roy was grinning so much at the surprise visit that he almost forgot his sermon.

The Women's Auxiliary plan to make a quilt for a Hamfair door prize. Field Day Chairmen, Bill, WA7SCN, and Nick, WA7IVO, are preparing for this summer's exercise. The Amateur Radio Association of Bremerton presented the Puget Sound Council of Amateur Radio Clubs' Traveling Trophy to RCT. Nobody was overjoyed to have the outrageous thing back in the Clubhouse. A letter was received from an inmate at the McNeil Island Federal Prison requesting that Club members visit him since he has an electronics background.

It was announced that fees for amateur licenses were going up to $10 and CB licenses to $25. Bob, W7RXS, and Inez, W7RXT, are off to England for a month. Chip Margelli, K7VPF, (now K7JA) age 22, is looking for a summer job. Items listed for sale include an Motorola 80-D low-band mobile rig, a Hallicrafters S-85 receiver, and a Heathkit Q-Multiplier.

VE TESTING

The Maple Valley Wireless Society will conduct an all License examination the Third Tuesday of each month, and shall begin 7pm, promptly at the Auburn Fire Station located at 1101 "D" Street NE, Auburn WA

Should you like more information on how you might participate, call **Bill / W7GBC**, 584-1086, or **Ralph / KA7FIG**, 582-5841.

Walk-ins are always welcome.

RCT Needs A Packet Radio Committee

I would like to see a packet radio committee formed to help educate and instruct our members and other persons in all facets of **Packet Radio**. As you may know, I have been involved in the AMST packet gateway system. With this system we can transfer information all over the world in hours.

If you are interested or have questions or comments please contact me, Bill Boyle, KB7CNN, or Jim Kirkreit, K7YLM.

RCT Museum Equipment Donations Wanted

If you have, or know of, any older ham gear that would be appropriate for permanent display in the RCT Doc. Spike Memorial Museum, please contact Rob Lee, K7TGU. Rob will make arrangements to transfer the items and record the history associated with the equipment.

Many pieces of radio equipment that should be preserved for the future are lost when a ham becomes a silent key, and those settling the estate throw away or give away an invaluable piece of history. If you have ham equipment from the 1950s or earlier, make sure your heirs know that you want this equipment to be placed in the museum. Or better, donate it now so our history can be preserved.

If Your Address Changes!

If you move, please notify the Club Secretary Shirley Murphy, N7QHW, at 759-5350, or the Club Treasurer Jerry Seligman, W7BUN, at 845-7652. It costs the club $.35 each time the Postal Service returns a Logger's Bark or notifies the club of a newly changed address. We receive as many as ten of these a month! Also, if you're a snowbird or you leave town for a long period, please make arrangements to have your mail picked up. The postal service will only hold first class mail for those who are "temporarily away."

FOR SALE:

ME-26DU bench type multimeter - very nice unit - $20.

Jerry, W7BUN, 845-7652

FCC ANNOUNCES NEW THIRD PARTY LIST

Section 97.115 of the Commission's Rules 47 C.F.R., authorizes an amateur regulated by the FCC to transmit a message from its contro operator (first party) to another amateur station control operator (second party) on behalf o another person (third party). No amateur station however, shall transmit messages for a third party to any stations within the jurisdiction of any foreign government whose administration has not made arrangements with the United States to allow amateur stations to be used for transmitting international communications on behalf of third parties.

The following countries have made the necessary arrangements with the United States to permit an amateur station regulated by the FCC to exchange messages for a third party with amateu stations in: Antigua and Barbuda, Argentina Australia, Belize, Bolivia, Bosnia-Herzegovina Brazil, Canada, Chile, Columbia, Federal Islami Republic of Comoros, Costa Rica, Cuba Dominica, Dominican Republic, Ecuador, E Salvador, The Gambia, Ghana, Grenada Guatemala, Guyana, Haiti, Honduras, Israel Jamaica, Jordan, Liberia, Mexico, Federate States of Micronesia, Nicaragua, Panama Paraguay, Peru, Philippines, St. Christopher an Nevis, St. Lucia, St. Vincent and the Grenadines Sierra Leone, Swaziland, Trinidad, and Tobago United Kingdom (special event stations with ca sign prefix GB followed by a number other than 3) Uruguay, and Venezuela.

The United Nations also has arrangement with the United States to permit an amateur statio regulated by the FCC to exchange messages for third party with amateur stations 4U1ITU i Geneva, Switzerland, and 4U1VIC in Vienna Austria.

No amateur station regulated by the FCC sha transmit messages for a third party to any amateu station located within the jurisdiction of any foreig government not listed above. This prohibitio does not apply to a message for any third part who is eligible to be the control operator of th station.

Any questions may be directed to: FCC Personal Radio Branch/ssd/prb, Room 532 202/632-4964

RADIO CLUB OF TACOMA, INC.
MINUTES FOR REGULAR MEETING
February 23, 1994

The meeting of the Radio Club of Tacoma was called to order at 7:34 PM by President Jim Kirkreit, K7YLM, with 49 members present. A quorum is present o conduct official business.

ANNOUNCEMENTS: 3/26/94 ARRL VE Testing 10:00 AM RCT Clubhouse.

NEW CALLS AND UPGRADES: Congratulations to:

UPGRADES: Val Baldwin, N7VGO/AA.
NEW CALLS: Mark Rader, KC7AFO.
Steven J Puvogel, KC7AVE.
Bud Mitze, KC7AVT.
Susan Baldwin, KC7AVS.

HEALTH AND WELFARE: Ralph, KA7FIG still has neumonia and we wish him a very speedy recovery. Ron Chudy, WA7UQV, is back in Tacoma General Hospital for more chemotherapy and could use some words of cheer. Skip Hirn, WB7UDF, is at home but very ill with his bone cancer so could also use cards and words of cheer.

TREASURER'S REPORT: by Jerry, W7BUN.

GENERAL FUND CHECKING	770.65
REPEATER/PACKET FUND CHECKING	1,019.54
FLEA MARKET CHECKING	525.00
MURPHY FAVRE SAVINGS	10,751.93
SCHOLARSHIP MEMORIAL CD	2,491.73
CASH ON HAND	00.00
TOTAL ALL ACCOUNTS	15,558.85

MEMBERSHIP: There are 419 members for 1994 as of his date.

MINUTES: Previous meeting minutes were available at he front of the room.

ARRL NEWS: Mary Lou Brown, NM7N, ARRL Northwestern Division Vice Director reports from ARRL Board meeting that:

) There is a new memorandum of agreement between he Red Cross and the ARRL that is in it's final stages of being signed by all interested parties and will be in effect soon.

) ARRL plans to offer to all Newsletter Editors a one year subscription to the ARRL Newsletter so that current information will be distributed to all members as soon as possible. Special Services clubs already are recipients of a subscription which the President receives.

) ARRL has also received requests relating to a Domestic QSL Bureau which will be discussed at the next ARRL Board meeting in Texas.

) There is a Volunteer Resource Committee which is looking into the ability to be able to award certificates for technical achievements.

) There is now an almost completely signed Amateur Auxiliary Agreement which provides for a single entry point for enforcement of rules and regulations of Amateur Radio frequencies.

) Mary Lou explained that there is a faction out there which communicates on Internet and publishes a Repeater Directory from information which is in the ARRL Repeater Directory, which is a Copyrighted Publication and cannot be reproduced without the permission of the copyrighted group or individual. She went on further to explain that some of the information is already copyrighted and reprinted by the ARRL by written permission of the original publisher of the information.

7) ARRL is recommending a phased in approach for Vanity Calls which is as follows:

a) The first four months is reserved for those who wish to retrieve an old call they once had as their own.

b) The second four months is reserved for those who hold an Amateur Extra Class License and wish to change to a vanity call.

c) The third four month window would be reserved for those who hold and Advanced Class License and wish to have a Vanity Call.

8) Rule making requests include a life time operator license but the station license would continue to be on a renewal basis and ARRL is requesting primary usage rights for 902-904 and 912-918 MHz for Amateur Radio Operators.

PROGRAM: The program this evening is presented by Mary Lou Brown, NM7N, on the June 1993 All YL DX-pedition to St Pierre Island. She had slides to show the countryside and shared with us many of their customs and likes and dislikes as well as their efforts in getting set up for their Amateur Radio contacts. A very interesting program for the group to hear.

LOGGER CONTACTS: Please turn in all Logger Contact lists to Shirley, N7QHW.

LADIES GROUP: Marilyn, KB7PKH, reminds all ladies of the meeting on March 16, 1994 at the RCT Clubhouse at 7:30 PM. The officers elected are Marilyn Olson, President; Janice Maynard, Vice-President; Lorri Martin, Secretary; Tressie Hughes, Treasurer. The name for the ladies group is Amateur Radio Operators Women's Support Club or AROWS. All ladies are welcome to come to meetings.

MISCELLANEOUS: Jim, K7YLM has reserved Owen Beach for April 2, 1994 for a learning experience and a potluck or whatever.

NEW MEMBER CERTIFICATES: Certificates of membership for new members are Lorri Martin; Guy Carlsen, KC7AIW; and Ed Horsman, KC7ADL. New Life Member is Nick Olson, N7BCV.

LOGGER CONTACTS: Certificates were available for Garry Miller, KB7ZDS; Mark Terjeson, N7FIT; Douglas E Stangler, KB7WYY/AE; Douglas E Stangler, KI7VC; and Mark Selthofer, KB7ZFT. Endorsements were available for Jerry, K7ETU; Eva, WB7QNS; Al, K5EAF; and Mike, KB7VNT.

ADJOURNED: The meeting adjourned at 9:10 PM.

Respectfully submitted,
Shirley Murphy, N7QHW, Secretary RCT

RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
MARCH 2, 1994

The Radio Club of Tacoma Board of Directors meeting was called to order at 7:30 PM by President Jim Kirkreit, K7YLM. There were 7 board members and 11 guests present. A quorum is present for conducting official business.

TREASURER'S REPORT by Jerry, W7BUN.

General Fund Checking	801.80
Repeater/Packet Fund Checking	1,019.54
Flea Market Checking	1025.00
Murphy Favre Savings	10,251.93
Scholarship Memorial CD	2,491.73
Cash on Hand	00.00
Total	15,590.00

MINUTES: The minutes of the February 2, 1994 Board meeting were available.

KEY POLICY: Shirley, N7QHW, suggests the Key Policy be revised to reflect a change which incorporates a basic set of keys which includes a special lock up key which would provide access to a set of keys to open the radio room, museum, garage and the tower lock. Board members, Open House Person, Instructors would be included in the group to have access to these extra keys. Shirley, N7QHW, so moved, seconded by Alan, N7EAY. MOTION PASSED. Shirley will complete the policy and schedule times on Saturday mornings for those having keys to be able to get new sets.

As approved by the Board in 1993, the door locks will be rekeyed and current keys will no longer be able to be used for access to the clubhouse. All those who have keys and have further need for access to the clubhouse need to watch for the dates and times to be able obtain their new keys.

CORRESPONDENCE: A letter has been received from Elizabeth Green requesting support in the way of financial support for an educational Marine/Zoology Science delegation to Australia and New Zealand for meetings with teenagers and government officials and home visits with host families. The Board felt this did not reflect Amateur Radio interests and declined to offer any financial support.

FLEA MARKET: Al, KB7SVU, is chair for the Flea Market this year. Al reports that the Flea Market will be August 13, 1994 and will be held at the Charles Wright Academy.

FIELD DAY: Alan, N7EAY, and Carl, KB7LIG, will co-chair the Field Day event this year which occurs on June 25-26. The site for Field Day this year has been confirmed at Marymount. Mark, N7WGE, is working on the generators so they will be operational for Field Day.

LADIES GROUP: Judy, AJ7R, reports that the group met in February and selected their name to be Amateur Radio Operator Women's Support Club (AROWS). Officers are President Marilyn Olson; Vice-President Janice Maynard; Secretary Lorri Martin and Treasurer Tressie Hughes. There will be a fund raiser for the Ladies' Club at the first meeting of the Radio Club each month by having a bake sale. The Board of Directors agreed to donate the $50 that Rene Smith donated to the club to the newly organized AROWS.

CLUB STATION: Jerry, W7BUN, is available each Saturday for teaching members how to operate the new radio. Everyone needs to be logged into the learning log so they are checked off on how to operate the new radio.

FIELD TRAINING SESSION: Jim, K7YLM, has arranged for us to have the Owen Beach's covered kitchen area on 4/2/94 for our Field Training Session and combine it with a potluck. Bud, KC7AVT, is handling the event.

Jerry, W7BUN, will check on dates in July/August for a Field Training Session for the Radio Club and report at the next Board meeting.

MIKE AND KEY CLUB FLEA MARKET: The Radio Club of Tacoma has been given a free table for purposes of advertising our Flea Market and club but not to sell anything. It will be staffed by club members.

PUYALLUP FAIR: Kathleen, NØEYK will chair the Radio Club's Booth at the WWA Fair this year.

CONTESTS: W7DK will host some of their own contests this year. Two of them will be (I) Novice, Tech and Tech + contest for "Worked all ______" (yet to be decided) and the other will be a Radio Club Friendship Contest in which those participating would need to have contacts with persons whose calls end with each letter of the alphabet. In other words a minimum of 26 contacts is required, each one having one of the 26 letters of the alphabet at the end of their call. More information coming soon.

BOARD EXPENDITURE LIMITS: Bob, WB7QCS suggests that for the good of the order that the expenditures of the Board be limited to $1000 and moneys spent on special projects over this set amoun should come before the general membership fo approval. Shirley, N7QHW, suggests that the By-Laws Revision Committee take this into consideration and include it in the currently being revised By-Laws. The Board agreed to do this.

PLANNING COMMITTEE: A Long/Short Term Planning Committee is formed to plan and direct the direction of the Radio Club. Members include Mike KB7VNT; David, WB7AUJ; Jerry, W7BUN; Jim, K7YLM Denny, KB7NAG; Ray, W7KFN; and Chairman, Roger K7AYC. This group will hold their first meeting at the Nace resident on March 30, 1994.

FINANCIAL ACCOUNTABILITY: Mac, W7MSR moved that Jerry, W7BUN, and Ray, W7KFN, visit CPA for a cost of no more than $200 to determine the best method of bookkeeping for the club for the futur related to the 501 (c) (3) tax exempt status. MOTION PASSED.

PROPERTY TAX EXEMPTION: Jerry, W7BUN move that Ray, W7KFN, look into and apply for the propert tax exemption for the Radio Club. Seconded b Kathleen, NØEYK. MOTION PASSED.

MISCELLANEOUS: David, WB7AUJ, has developed Shareware Program which is excellent for using t record Logger Contacts. Copyright has been applied fc but it is a Shareware Product. This will be mad available on the BBS for those interested and a donatio of $10 is suggested to the Radio Club of Tacoma.

ATTENDANCE MARCH 2, 1994

President	Jim K7YLM
Vice-President	Alan N7EAY
Secretary	Shirley N7QHW
Treasurer	Jerry W7BUN
Board members	Mac W7MSR
	Kathleen NØEYK
	Denny, KB7NAG

Guests: Judy AJ7R, Alan KB7SVU, Rob K7TGU, Tressie KC7BAL, Ray W7KFN, Roger K7AYC, Bob VB7QCS, Mike KB7ZDR, Bud N7FQR, Art AA7EO, David WB7AUJ.

DJOURNMENT: Meeting adjourned at 9:55 PM.

Respectfully submitted,
Shirley Murphy, N7QHW, Secretary, RCT

RADIO CLUB OF TACOMA, INC.
MINUTES FOR REGULAR MEETING
March 9, 1994

The meeting of the Radio Club of Tacoma was called to order at 7:35 PM by President Jim Kirkreit, K7YLM, with 0 members and 5 guests present. A quorum is present o conduct official business.

NEW CALLS AND UPGRADES: Congratulations to:
NEW CALLS: Ed Lochbihler, KC7BAI; Tom Pradel, KC7BAC; Zach Pradel, KC7AZO; Steve Terjeson, KC7AZW; Pam Terjeson, KC7AZV; Randy Treit, KC7AVA; Stephen Lee, KC7AVB; Gary Morris, KC7AVU; Randi Halverson, KC7BAN; and Tressie Hughes, KC7BAL.

TREASURER'S REPORT: by Jerry, W7BUN.

GENERAL FUND CHECKING	768.58
REPEATER/PACKET FUND CHECKING	1,019.54
FLEA MARKET CHECKING	1,025.00
MURPHY FAVRE SAVINGS	10,272.19
SCHOLARSHIP MEMORIAL CD	2,497.73
CASH ON HAND	00.00
TOTAL ALL ACCOUNTS	15,583.04

MEMBERSHIP: There are 444 members for 1994 as of his date.

MINUTES: Previous meeting minutes were available at he front of the room.

PROGRAM: The program this evening is presented by Jerry, W7BUN. The content of the program is explaining all of the benefits available to members of he ARRL. Some of these are QSL Bureau(incoming and outgoing), Instructor core and teaching materials, QST magazine, affiliate with AMSAT, Insurance program, International Licensing information, Legal help, Volunteer Examiner program, Technical Advisors, Lobbying in Washington D.C., contesting, awards, ARES, NTS, and many publications.

Jerry also reminds us that the new licenses issued now for Technician Class with code will now say Tech + and those technician class persons whose licenses expire will have Tech + on their new licenses.

ARRL NEWS: Mary Lewis, W7QGP, is visiting this evening and shares the following comments with us.

1) Teenagers who become Amateur Radio Operators (ARO) but their parents are not ARO's may join ARRL at a special reduced rate.

2) SEA-PAC will take place on June 3,4,5, this year at Seaside, Oregon.

3) She reminds us that if we have changed our calls, we need to be sure that we have multiple envelopes at the QSL Bureau so that cards coming into he bureau with different calls will find the correct person.

FRIENDSHIP AWARD: Mary presented the first "Friendship Award" certificate for our club to Russell Foster, KB7UXK.

HEALTH AND WELFARE: Walt, W7TOU, had a pacemaker put in and is home and doing well. Ed Parkinson, KA7FYE, is now a Silent Key. Bill N7TEQ, is home recuperating from a broken eardrum. Andy, KB7YTL, is recovering from a bout with the flu.

LOGGER CONTACTS: Please turn in all Logger Contact lists to Shirley, N7QHW.

AROWS: Marilyn, KB7PKH, reminds all ladies of the meeting on March 16, 1994 at the RCT Clubhouse at 7:30 PM. She also explained that for the first meeting of each month, the AROWS will hold a bake sale which is to aid in establishing funds for the group.

RACES/ARES: Shirley, N7QHW, reminds us it us spring and many public service events are coming up. In April the following will occur:

4/9/94 Super Cities Walk (free t-shirt and lunch)
4/16/94 Daffodil Parade (great close up view of the parade)
4/23/94 March of Dimes (free t-shirt and lunch).

Call Irene, KB7IGW, to volunteer on 145.37 repeater or 442.45 repeater or telephone number is 927-5793.

MISCELLANEOUS: Jim, K7YLM, reminds of our Field Training Session at Owen Beach on April 2, 1994. Also occurring will be Antenna Wars II with the only criteria being it must be made of wire.

NEW MEMBER CERTIFICATES: Certificate of membership for a new member is available for Donald O'Keeffe.

LOGGER CONTACTS: Certificates were available for Steven Puvogel, KC7AVE; Steve Puvogel, KB7YCJ; Al Hughes, KB7SVU; and Bud Mitze, KC7AVT.

Endorsements were available for David , WB7AUJ; Steven Puvogel, KC7AVE; Bud Mitze, KC7AVT; and Russell, KB7UXK.

ADJOURNED: The meeting adjourned at 9:12 PM.

Respectfully submitted,
Shirley Murphy, N7QHW, Secretary RCT.

You may have heard of some famous hams:

Andy Griffith	WA7WYN	Actor
Walter Cronkite	KB2GSD	former CBS Newsman
Priscilla Presley	N6YOS	Actress
Gary Shandling	KD6OY	Comedian
Chet Atkins	WA4CZD	Country Music Star
Ronnie Milsap	WB4KCG	Country Music Star
Barry Goldwater	K7UGA	former U.S. Senator
Joe Walsh	WB6ACU	Rock Star

But you may not have heard of these:

KA9FAT	The Maytag repairman
SW1SH	Inventor of the intermittent windshield wipers
VØLVO	Famous car maker
Mc8HAM	CEO of McDonalds
PERØT	A recent presidential candidate
AX1GOP	Another recent presidential candidate

Thanks OARS Watts News

WANTED!! - BE ON THE LOOKOUT!!

A reward of 500 Microfarads is offered for information leading to the arrest of Hopalong Capacity. This Unrectified criminal escaped from a Weston Primary Cell, where he had been Clamped in Ions awaiting the Gauss Chamber.

He is charged with the Induction of an 18-turn Coil named Millie Henry, who was found Choked and robbed of valuable Joules. He is armed with a Carbon Rod and is a Potential killer. Hopalong Capacity is also Charged with Driving a DC Motor over the Wheatstone Bridge and refusing to let the Band Pass. If in a Trap, he may offer Series Resistance.

The Electromotive Force spent the night searching for him in the Magnetic Field where he had gone to Earth. They had no success and believe Capacity returned Ohm via a Short Circuit. He was last seen riding a Kilocycle with his friend Eddy Current who was playing "Ohm on the Range" on his Second Harmonic.

Thanks Santa Barbara ARC "Key-Klix"

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ICOM 765 All Most New
$1800
Call Ralph KA7FIG
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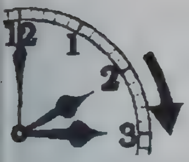

April 1994

W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1 *April Fools Day* *Good Friday* #KEN'-WA2JQW	2 PINOCHLE/ POTLUCK Clubhouse 7pm POT LUCK PICNIC OWEN'S BEACH # BILLY-KA7IQQ #MIKE'- N7QNR #STEF' KB7PKF #TOM'- KB7VOO
3 *Daylight Savings--set ahead 1 hour* EASTER #JEFF'-WB7NND # JIM'- WT7Y	4 NOVICE TECH. CLASS BEGINS # BARNEY-N7TFB # ORVAL-N7GSR # MARTHA-N7GUE #DOT' MYERS	5 147.28 NET 7:30 PM #BILL' KB7SWX #BECCA -KB7YCL # CHARLIE-KB7UDG	6 Board Meeting Club House 7:30 pm. # LLOYD-W7LUI # RICH'- NE7T	7 #MIKE'-KB7UXU # TAM PRADEL	8 #BURT'-WA7QQK	9 # HARRY-N7DOE
10	11 # BOB - WA7ZZA	12 147.28 NET 7:30 PM # ERIC WB7OYL #MILTON-N7ZWS # PAUL - KE3DR	13 W7DK MEETING Library 112 St. E.& WALLER RD. 7:30pm. # LEE'- W6PZP # DON'- K7DK # FRANK-KB7RYS	14 #HAP'- KB7UXD	15 # NEWT'- WN7L # JOE'- WZ7M #SAM' N7XON	16 # JERRY -K7ETU # STEPHEN-KC7AVB #BOB'- KB7SWW
17 MIKE -WA7OTD RICK'- KN6LD GERALD-KB7RXB	18	19 147.28 NET 7:30 PM MVWS VE TESTS # BOB'- W7RXS # JOHN - N7FOW #ANDREW-KB7YTL	20 ARROWS MEETING Clubhouse 7:30 pm. LOGGER'S BARK "DEADLINE"	21 # PAT'- N7CAK	22 #DOROTHY-KG7WG	23 #MIKE' KB7TBU
24	25 LADY'S PINOCHLE CLUB-HOUSE NOON # BOB'- K7IND	26 147.28 NET 7:30 PM # JANET -N7QHU #MIKE' KB7RIF #HOWARD SCHULTZ # OWEN KB7UXP	27 W7DK MEETING LIBRARY 112 St. E. & WALLER RD. 7:30pm # BOB'- N7HXX # JIM - N7OIP	28 BARK LABELING PARTY #MERTON-KA7NRA # AL' N7ZNL #LARRY- KB7RLG # ED'- KC7BAI	29	30 # TOM'- N7LTI # LARRY-KD6TKY

March

S	M	T	W	T	F	S
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6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

May

S	M	T	W	T	F	S
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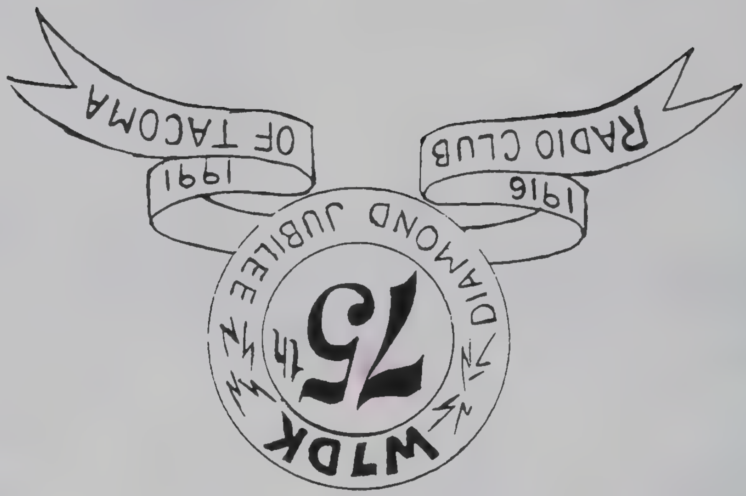
22	23	24	25	26	27	28
29	30	31				

Happy Birthday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RADIO CLUB
W7DK
OF TACOMA

VOL. XXXI NR.5 W7DK MAY 1994

FROM THE PRESIDENT

by Jim K7YLM

TEAM SUPPORT. Many of our members are new to the world of ham radio. As a result, our club is in the process of starting a series of **Special Assistance Teams**. When you need assistance in any of the following areas, give me a call. In addition, if you can offer your help or would like to learn about any of the following fields of Ham Radio, let us know. We can use your help.

When you are in the process of planning, installing, removing, purchasing or repairing an antenna, the Radio Club of Tacoma can and will help.

That new HF - VHF - UHF rig can be a challenge to select. It can also be a problem to tune, install and operate. Let us help. We are here for you.

Each band, each mode, each type of operation has a certain standard of protocol. When can we send CQ? How do we sign on and off? How do we handle a round table? How do we enter the various types of nets? How do we act as net control? An informational pamphlet is almost ready for distrobution.

Packet radio is really fun and the wave of the future. What do you buy? How do you set up your packet station? How do you access the bulletin board? How do you send and receive messages? How do you send messages to other states or countries? Our packet training station is about ready at the clubhouse. Every Saturday we will work on all of the above. In addition, we will help you with your own digital requirements. Let us help. *(cont'd on page 6)*

COMING EVENTS

MAY 4 - Board of Directors meeting - 7:30 PM at the Clubhouse all members are invited.

MAY 7 - Pinochle/Potluck at the Clubhouse 7 pm.

MAY 7 Stanwood-Camano Flea Market Stanwood, WA.

MAY 8 - ***Mother's Day Breakfast*** - see page 13

MAY 9 - License Exams - All Classes PM Clubhouse.

MAY 11 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - Program: ***"Traffic Handling."*** Harry Price, KB7JQM, will explain the operation of The National Traffic System, show how to make up radiograms, and discuss HF traffic nets. Kathleen Nace, NØEYK, will review the procedures for handling messages on packet. All hams, regardless of license class, should be familiar with "traffic handling" in order to be prepared for helping with emergency communications.

MAY 14-15 - Washington State Hamfest - Yakima, WA

MAY 14-15 - Russian CQ-M (Peace to the World) Contest-see page 114, April QST.

MAY 17 - Maple Valley Wireless Society Testing

MAY 18 - Women's AROWS meeting - Clubhouse 7:30

MAY 25 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - Program: ***"Looking Into Tomorrow's Technology."*** Stephen Lee, KC7AVB, will tell us about the exciting developments that will become commonplace in the near future, as we move into the era of the "information highway". Stephen maintains the Hardware Design Laboratory at the University of Washington's Computer Science and Engineering Department.

MAY 23 - Ladies Pinochle at the Clubhouse 12 pm

MAY 27 - The *Bark's* lickem-stickem label party at the Clubhouse 10 am.

JUN 4-5 - Apple City Hamfest - Wenatchee, WA.

(cont'd on page 6)

SUPER SPLASH At Five Mile Lake in Federal Way VHF - UHF - Antenna Training - HF too. Where: I-5 to 320th Exit - East on 320th 1/4 mile to Military Road. Right on Military Road 3 miles to 5 Mile Lake. Bring your antennas for VHF/UHF All members/families invited. Potluck. Talk in frequency: 147.28 Training, Contests, Prizes, Games, Fishing (license required), tennis, baseball, duck feeding. ***VHF antenna training and tuning for all - Rain or Shine!***

RADIO CLUB OF TACOMA
1994

PRESIDENT	JIM KIRKREIT	K7YLM	927-7825
V PRESIDENT	ALAN ALLEN	N7EAY	475-7413
SECRETARY	SHIRLEY MURPHY	N7QHW	759-5350
TREASURER	JERRY SELIGMAN	W7BUN	845-7652
BOARD (4)	DENNY FIELD	KB7NAG	NONE
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	JOHN McALLISTER	W7MSR	952-7388
	KATHLEEN NACE	N0EYK	862-8635
LOGGERS BARK STAFF			
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REPORTERS	JERRY SELIGMAN	W7BUN	845-7652
	SHIRLEY MURPHY	N7QHW	759-5350
	ROGER NACE	K7AYC	862-8635
	DICK RYAN	W7RGD	627 0922
	MARILYN OLSON	KB7PKH	845-8346
	BILL BOYLE	KB7CNN	588-7763
	SHIRLEY MURPHY	N7QHW	759-5350
PHOTOGRAPHERS	BILL BROWN	N7TEQ	582-9439
	MIKE HAZELMYER	KB7VNT	471-1545
COMPOSITOR	"NICK" OLSON	N7BCV	536-8940
PUBLISHER	W7DK PRESS	N7QHW	759-5350

CLUB MEETINGS

7:30 pm
Second & Fourth Wednesdays of each month
Pierc County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411. 206 / 759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, 1/2 the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Mail all articles and advertising to Ralph Fuller, KA7FIG, 8208 Southway SW. Tacoma, WA. 98498. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. The *Loggers Bark* does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in the *Loggers Bark* if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO THE *LOGGERS BARK*, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/ Radio Club of Tacoma

147.88 / .28 Mhz	144.97 - Packet
147.98 / .38 Mhz	441.00 - Packet
224.52 Mhz	

NEW MEMBERS:

CECIL A. BURLESON RCT# 1719
1658 S. 39TH ST.
TACOMA, WA 98408-1760 474-9023

LESLIE (LES) SMITH, call pending RCT# 1717
12120 83RD AVE. E.
PUYALLUP, WA 98373 848-7801

DENNIS FARNES, KA7IIV RCT# 1718
2645 PRAIRIE BLVD. SE
PUYALLUP, WA 98374 845-8380

JEFF HALLIBURTON, KF7FR RCT# 1720
9510 ANGELINE RD.
BONNEY LAKE, WA 98390 862-4219

DANNY HERMOSILLO, call pending RCT# 1721
402 S. "I" ST. #310
TACOMA, WA 98405 627-0720

KARL MARSH, KB7YOH RCT# 1722
1201 BOYLESTON AVE. #115
SEATTLE, WA 98101 325-9832

CARL DAVID, KB7WRC RCT# 1723
2132 S. UNION AVE. #5
TACOMA, WA 98405 761-8490

CAL CROWE, JR, KB7HJU RCT# 1724
7310 56TH ST. CT. W.
TACOMA, WA 98467 566-1485

9. KEITH McINTIRE, KB7NVW RCT# 1725
6622 SW 146TH ST. #45
TACOMA, WA 98439 588-4950

BRIAN SPINDOR, KA7KUZ RCT# 1726
JONMARIE SPINDOR, call pending RCT# 1727
5922 N. DEFIANCE ST.
TACOMA, WA 98407 756-5030

JOHN GREGOIRE, KB7WYQ RCT# 1728
1801 16TH ST. #119
SUMNER, WA 98390 863-3972

JOE HAYES, call pending RCT# 1729
9619 120TH ST. E.
PUYALLUP, WA 98373 841-4563

ADDRESS CHANGES:

BOB & GRACE TEITZEL, WA7ZZA & AD7S
P.O.BOX 45079
TACOMA, WA 98445

JIM GUNDERSON, KB7WFX
15716 63RD ST. CT. E. - #C
SUMNER, WA 98390-3007

TRENT BRONSON, N2OBM
P.O.BOX 88864
STEILACOOM, WA 98388-0864

KEN HOUSE, KB7SOU
824 E. TEMPERANCE
KENT, WA 98031

BRET CONNER, AB7AI
4814 N. 30TH ST.
TACOMA, WA 98407-3928

MELODY MUMMERT
4009 E. "B" ST.
TACOMA, WA 98404

DAN SMITH, N7VXJ
8606 PACIFIC AVE. APT. #19
TACOMA, WA 98444

(cont'd on pag

W7DK AT THE LAKE

VHF ANTENNA EXPO '94

On May 21, 1994 from 10 am to 4 pm the Radio Club of Tacoma will present a training session at Wilderness Park at Five Mile Lake. The event will show us how to construct, tune and operate any and all types of VHF antennas. We will again have a potluck lunch and W7DK will provide the hot dogs and pop and coffee. We will have games for the kids, prizes for antenna design, a DX simplex contest and lots of tips on antenna construction and operation. We will have at least 2 HF stations on the air on 20 and 40 meters. NOTE! 147.28 will be the talk in frequency.

The best part is that it is a special event by our club for our club. Be sure to bring your VHF antenna. We will help you get it in tune and will also have prizes for best design. HF demos and contests too. **Don't miss this one**!

THE EDITOR'S LOG PILE

"If you've got a good horse, ride it double." Although this line came from the long gone TV show , McCloud, Let's see how this applies to the new RCT. Raising the price of admission was thought by many to be a crushing blow to our membership. Five months into 1994 the Club has never been healthier. A couple of weeks ago W7DK had a Radio Antenna Invasion which was estimated to be the largest turn out in the Club's seventy-eight year history and it was held outside in the month of April on a beach washed by Puget Sound.

This months *Bark* has a lot of information which has continually popped up at Board meetings for least the last decade concerning proper etiquette to solicit a Logger Contact.

Turning the pages a little further is an outstanding article concerning the definition to the constant Clubhouse Key Lunacy and the position of the Board of Directors to straighten the mess out.

In the last issue of the *Bark*, our President Jim, K7YLM, placed the challenge of contests by inviting the membership to play radio oriented games for logging specific information. This month he has a new set of challenges and backed up these challenges with prizes. Just tune into the Club frequencies and join in on the fun.

Many of our members have expressed a keen interest in developing packet radio into a usable mode of communication. Packet is not the newest radio forum in the amateur spectrum but at best, in W7DK, packeteers want more information on how to get started, the type of equipment to buy, and a reliable bulletin board system available and usable to the Club membership.

Through the efforts of Bill, W7GBC, Bill, KB7CNN, and George, WA7BHH, the *Bark* now has an eighteen lesson curriculum which shall appear two lessons at a time in the next nine issues. Bill, KB7CNN is going to head up a users committee to help members get on the air and make use of bulletin boards, personal contacts and user nets. **TIMBER**

LOGGER'S CONTACT CERTIFICATE

The Radio Club of Tacoma issues a certificate known as the **"LOGGER'S CERTIFICATE".** This 8x10" diploma type certificate was designed to encourage members of the club to get on the air and get acquainted with other members and also to get other non members interested in joining the Radio Club of Tacoma. The first certificate was issued in 1957.

To earn a certificate, an amateur radio operator must work on any amateur band and any mode, 10 Radio Club of Tacoma members who are a current member on the day of the contact. You may count a member only once no matter how many times you have worked them on different bands or different modes or under different call signs. Of course, it is always prudent to remember our manners and not break into a QSO for a logger contact but wait until the QSO is finished.

When 10 members have been contacted, list them on a sheet of paper along with your name and call. Each contact will need the station's call, name and the date. These will then be submitted to the club for verification and will be presented at a regular club meeting or if not there, by mail. The award is available to any amateur, club member or not. Contacts must be RCT members but not the person submitting them for a Logger Certificate. DX stations only need to contact five(5) club members.

In addition, to the certificate, there are Logger Certificate Endorsement stickers. These are 2x2" stickers with 10 miniature logs imprinted. After obtaining your original certificate, you are ready to work more members to earn the endorsement stickers, using the same procedure, submit your list of 10 members worked and you will receive the stickers to attach to your original certificate or as many have done, frame the endorsement stickers separately.

Each individual submitting lists for certificates or endorsements is responsible for checking and assuring that there are no duplicate contacts and that each contact on the list is indeed a Radio Club of Tacoma member. Remember, there are other radio clubs in the area so it is important that you specify membership as a Radio Club of Tacoma member and not just ask if they are a member of the radio club. It is also important to verify the call of the contact, so ask for phonetics if you are not sure. Dick W7RGD, Shirley N7QHW, and Barbara W7UYL will do their best to check the submitted lists before certificates or endorsements are issued but it is up to each individual's honor to submit a list that is accurate. In addition, it is helpful if the lists submitted are not for more than 20-30 contacts at a time. If there are errors, duplications, etc., the lists will be returned for your corrections.

Many amateurs have over 100 contacts and a few have as many as 600, 700 plus contacts. We all wish each of you Happy Hunting and keep those contacts coming. **Shirley N7QHW**

NEWS FROM ARRL AND WESTLINK REPORT

de W7BUN

Here are the FCC's amateur licensing figures as of the end of 1993:

Amateur Extra	65,227
Advanced	112,637
General	126,898
Technician	227,681
Novice	99,105
Total	631,548

The ranks of Extras grew by 6.5% during the year, Advanced by 2.5%, General by 1.4%, Technician by 18.5%, and Novice licensees were essentially unchanged.

FCC has tallied some numbers on the Volunteer Examiner (VE) system since its 1984 debut and through late 1993. The number of VE sessions held: 56,485; number of people attending: 640,453; number of examination elements administered: 1,052,269! And the amateur license application backlog is on the rise again at the FCC. At the end of February, almost 13,000 applications were awaiting action. Current turnaround time in Gettysburg is hovering around the FCC's self-imposed maximum of 90 days.

The Tandy Corporation has begun using information from "Now You're Talking" and the "ARRL Handbook" to illustrate antenna fundamentals and schematic symbols for use in its training certification program for Radio Shack store personnel.

The FCC has released the results of a telephone interference survey and concluded that since some telephones are "bulletproof," all of them could be. The transmitting stations included 47 citizens band, 27 amateur, 23 AM broadcast, 10 FM broadcast, and one international broadcast station. 105 cases of reported interference were randomly picked and the sites visited. Altogether, 241 different telephones were tested, and 68% received interference. The power levels of the transmitting stations varied from 2 watts to one-half million watts. One conclusion was that transmitter power did not seem to be a significant factor; 10 watts or less caused interference in one-third of the cases. The FCC reported that AT & T filters helped in only 38% of the telephones and other filters eliminated interference in 29%. The FCC's "bulletproof" telephones were 96% effective, and FCC said, "Manufacturers can design telephones to be interference free." The FCC receives 25,000 telephone interference complaints a year.

A message circulating on packet radio warns amateurs not to be suckered into sending $5 to Fred Maia, W5YI. The envelopes from Maia screams in very bold type, **"URGENT! ALERT! YOUR AMATEUR RADIO OPERATOR LICENSE IS ABOUT TO EXPIRE!** Nowhere in the package is the licensee told he can renew his license for the cost of a postage stamp. Instead, he is given the instruction to return the FCC Form 610 along with $5 to Maia. In related news, ARRL is now routinely notifying its members of their approaching license expiration, and including an FCC Form 610.

One of the all-time great operators, Katashi N
KH6IJ, passed away April 7, 1994 in Honolulu at age
Nose (pronounced "no-say") was first licensed in 1
as K6CGK. He received his Extra Class ticket in 19
one of the very first in the nation. In 1937, he beca
the first amateur outside the continental US to ear
Worked All States award. In 1948, he became the
Hawaiian ham to earn postwar DXCC. Nose was
active CW and phone contester and was well known
his machine-gun sending. He was the second perso
be inducted in the CQ Contest Hall of Fame. He wa
physicist by trade, having earned a master's deg
from Harvard.

Washington State has new legislation to pro
amateurs. On March 23, the governor signed Sen
Bill 5697, a bill that will limit the ability of municipali
to enact antenna and tower regulations. Members of
Senate were initially sympathetic to the bill, but t
also realized that municipalities have an obligatio
consider issues concerning health, safety, and o
factors concerning general welfare. The bill reads:
[city or town, or county] shall enact or enforce
ordinance or regulation that fails to conform to
limited pre-emption entitled "Amateur Radio Preemp
101 FCC 2nd 952 (1985)" issued by the Fed
Communications Commission. An ordinance
regulation adopted by a city or town with respec
amateur radio antennas shall conform to the limi
federal preemption, that states local regulations
involve placement, screening, or height of anten
based on health, safety, or aesthetic considerati
must be crafted to reasonably accommodate amat
communications, and to represent the mini
practicable regulation to accomplish the local authori
legitimate purpose." Credited for promoting
legislation were Dr. Ralph Shumaker, WX7T,
members of the Mike and Key ARC, according to A
State Government Liaison Frank Price, KD7AC. P
said, "Tests of the provisions of this bill will come, I
sure, in the near future.

FOR SALE:

Drake TR-7A solid state transceiver, with CW filters, rem
VFO, matching speaker, and desk mic. Physically
electrically excellent. $750

Icom IC-765 solid state transceiver, with CW filter, bui
antenna tuner, and SM-8 desk mic. Almost new. $16

Heath SS-9000 solid state transceiver (factory built),
Shure 444D desk mic, and PS-9000 po
supply/speaker. $750

Heathkit SB-221 HF 1500-watt linear amplifier. $500

Kenwood SM-220 monitor scope. New in the box. $250

Homemade 84 foot steel guyed crank-up tower (desig
by an engineer and built by a certified welder),
electric winch, Hy Gain TH-5 tri-band beam, and H
M rotor. Buyer to take down (in West Tacoma) $500

Miscellaneous items: 2-meter mag-mount anten
Vibroplex bug, surge-protected outlet strips, c
switches, and CB transceiver with power supply.

ME-26DU bench type multimeter - very nice unit - $20.

Jerry, **W7BUN**, 845-7652

C
A E
R S
R E
A S

Pierce County Emergency Communication Services is off and running again with a new Emergency Coordinator at the helm. He is David Brinkmann, N7UNN, who comes to us with a variety of experience and a whole bunch of enthusiasm. Dave has been active in the past with the Civil Air Patrol, radio direction finding, Emergency Operations Center experience plus lots of other experiences as well as being a professional fire fighter. Please join me in welcoming and offering your support to David as our leader of Pierce County ARES. Hopefully, in the near future, Dave will have the time to write a brief article to let us know of his goals and hopes for the future for the ARES Unit in Pierce County.

PUBLIC SERVICE EVENTS are still in front position for activities this month so if you weren't able to help out last month, there are still lots of opportunities. Remember, we not only need amateurs in key positions on the courses but the Emergency bus is also used and volunteers are also needed to support that so each event usually needs at least 12 volunteers if not more.

The equipment needed is a handheld radio capable of transmitting on 2 meters, fully charged batteries and a spare if possible, and a good antenna. Most of the time 145.37 repeater is used as well as the 145.21 repeater. Tone capability is often needed so you should have the capability in your radio. Occasionally, the communications will be done using a simplex frequency which would be announced at the time of the event.

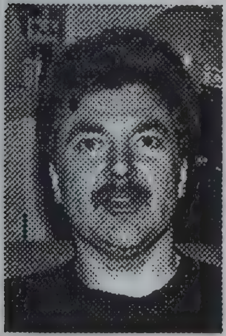
Coming events are:

5/7/94 Hike for Hospice
6/11/94 Sound to Narrows--free T-shirt
7/4/94 Fourth of July at Old Soldier's Home in Orting 12N-12MN (lots of volunteers equal shorter shifts)
7/94 Tour de Pierce--free T-shirt

To volunteer for any of these events, contact Irene, KB7IGW, at 927-5793 or contact her on the air on 145.37 repeater or 442.45 repeater. She needs lots of help so give her a call and help out for one or even all of the events.

Membership in RACES / ARES is not required but is desired. You can pick up an application at any radio club meeting from me (Shirley, N7QHW), or contact me at 759-5350 and I will mail you one.

Happy volunteering and 73... Shirley N7QHW



Bill / KB7CNN/R
146.04 / .64
444.75 pl 192.8
1292.2 Tiger Mt.
1292.4 Tacoma

Committee Chairman To Develop Packet Program in W7DK

A.R.O.W.S.

by Marilyn, KB7PKH

A heartfelt thanks to all who helped make the potluck for "W7DK Antennas On The Beach" an outstanding success, the A.R.O.W.S. members who cooked the hotdogs, as well as donating to the potluck, the RCT members who also brought food, and to all of you who dropped a little something in the donation can to help defray our expenses. **YOU ARE ALL TERRIFIC!** Those of you who didn't come missed a SUPER time BUT you'll get another chance at the **"W7DK Antennas At The Lake potluck May 21 at Wilderness Park at Five Mile Lake."**

We look forward to supporting many more RCT projects as well as many of our own. We are looking forward to providing a nice breakfast for the men of the club for Father's Day.

Once again, the ladies of A.R.O.W.S. want to thank you for your support of our bake sale at the April 13 RCT meeting. We will continue to have bake sales at the first RCT meeting of each month. This has been our main means of establishing our treasury. We have now drafted our constitution and bylaws and, thanks to Jan Maynard, our Vice President, a logo for our group, which we will be imprinting on Tee-shirts and Sweat-shirts in the near future. Our group is still small but our plans are BIG.

We would like to encourage participation by more of the ladies of the RCT anyone interested should contact President Marilyn Olson, 845-8346

CONTESTS FOR MAY

W7DK "W.S.S." Contest: OK, I can read your mind. What does W.S.S. stand for? Are you ready for this? *Worked Some States.* I kinda wanted worked all states but thought it might be extra tough. So-o-o - work as many states as you can, any band, any mode during the month of May. QSL's not required but write the mode, frequency, call and state on your entry.

Contest 2 is W7DK "W.S.P." Contest. You guessed it *Worked Some Prefixes*. From midnight May 14 to midnight on May 17 work as many club member prefixes as possible. Entries will consist of the prefix and the area number, i.e. K7 - KA7 - KB7 - KC 7 W4 - AA7 - AB7 - AJ7 - G4 - K4, etc. Entries will be allowed on two meters and ten meters any mode with club members. Jim, K7YLM

VE TESTING

The Maple Valley Wireless Society will conduct an all License examination the Third Tuesday of each month, and shall begin 7pm, promptly at the Auburn Fire Station located at 1101 "D" Street NE, Auburn WA

Should you like more information on how you might participate, call **Bill / W7GBC**, 584-1086, or **Ralph / KA7FIG**, 582-5841.

Walk-ins are always welcome.

(From the President - cont'd from page 1)

DX is a super element of ham radio. How do we call and capture that rare DX [long distance] station? What are the special methods of getting through a pile-up? How do we stand the best chance of getting that rare QSL? We have a super station and antenna at our clubhouse. The station will be on the air any time the clubhouse is open. Let us help you learn how to capture those rare ones.

We are also in the process of setting up **Teams** to assist and train in contesting, HF - VHF mobile installation and operation, antenna design, building, and license upgrading. If you need a bit of help, have a desire to learn or can provide your expertise, let me know. This is your club. Be a part of everything and remember we are a team who works together.

(Coming Events - cont'd from page 1)

JUN 4-5 - Sea-Pac Ham Convention - Seaside, OR.

JUN 8 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - Program: ***"Why We Need VHF/UHF Frequency Coordination."*** Jon Marcinko, W7FHZ, has been with the Western Washington Amateur Relay Association (WWARA) since its beginning almost 20 years ago. Jon will explain the necessity for coordinating repeater frequencies. He is the Manager of Radio Systems for all Washington State Department of Transportation radioÿequipment.

JUN 18 - License Exams 10 AM - Clubhouse.

JUN 25-26 - Field Day new site: Marymount in Parkland.

AUG 13 - RCT Flea Market new site: Charles Wright Academy

(Members - cont'd from page 2)

REINSTATEMENT:

GLEN GALATI, KA7BOJ
4120 6TH AVE.
TACOMA, WA 98406 759-7750

DON MURPHY, N7AEJ
4111 N. MASON AVE.
TACOMA, WA 98407 759-5962

JOHN SABOURIN, W7ZTI
608 S. 304TH ST.
FEDERAL WAY, WA 98003 946-1019

NEW CALLS:

VEDA PUVOGEL, KC7BMP
DAN WOLD, KC7BMK
STEVE SHILLEY, KC7AZS
RANDI HALVERSON, KC7BAN
SCOTT OJALA, KC7BAE
KAREN BURNS, KC7BAT
BOB BURNS, KC7BAS
JIM POWERS (EX-KB7WTG) - KI7VB
LES SMITH KC7BYN

CORRECTIONS AND ADDITIONS:

CLARENCE McDANIEL, W7FAB	941-0405
PAT NICHOLSON, N7WGR	756-9819
NICK NICHOLSON, N7WGQ	756-9819
ED LUFF N7NCH	862-8719

A Friend

As each of us runs, walks or stumbles through lives, we are particularly lucky if we find a friend al the way.

A real friend is a special rare person. One advises without judging, supports without quest gives without receiving and care unconditionally.

A friend takes time to listen and is truly dependa One who laughs with you or cries with you. something great and the pat on the back is there. something not so great and the words of encouragem are there. The loyalty always remains. Cherish friendship and let it grow, knowing it can be with you the days of your life, and once in awhile thank person. Such a person is Judy Kirkreit, AJ7R.

Thank you Judy. Marilyn, KB7F

20 YEARS AGO - MAY 1974

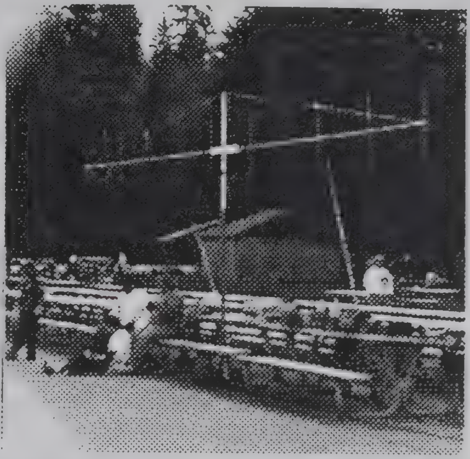
RCT paid-up membership is reported as members. 25 RCT members attended the Sk Hamfest at Bryant, WA. Besides a big indoor sv meet, the hamfest featured a two and one-half h tour of the Navy's million-watt VLF station at Creek. RCT's Hamfair-74 scheduled for Augus well into the planning stages. Expo-74, the World in Spokane is scheduled to have a ham sta operating on site.

Ed Hume, noted local gardening authority wa guest at the Ladies' Auxiliary meeting in April. M RCT members helped with communications for South Sound Race and Rally in Capital Forest n Olympia. Bob Klepper, W7IEU, the Washing Section Emergency Coordinator, (now a silent k was the featured speaker at the last club meeting.

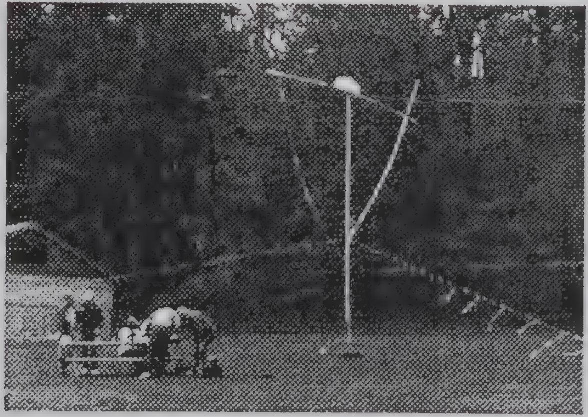
The FCC has issued a public notice forbidd any amateur communications with the Peop Republic of China. The ARRL has petitioned the F to allow repeaters to be linked together. The F announced that their field engineers will be authori to conduct license examinations at larger conventi and hamfests. The president of the United CBers America was sentenced to 18 months in fede prison for wholesale violations of FCC rules. Wa Green, W2NSD/1, publisher of 73 Magazine, found guilty by a jury of 12 counts of tax evasion himself and the magazine. May QST Magaz reports that RCT was 5th Nationwide in the 1 Phone Sweepstakes Contest, and 8th in the Sweepstakes.

The swap column advertised for sale a 1 kilow Johnson Thunderbolt amplifier, with a Pacema SSB and CW transmitter, and a Collins 75 receiver with CW filter and SSB adapter for $6 (How times have changed.)

W7DK AT THE BEACH



April 2 the members of W7DK were invited to attend an antenna training session at Owen Beach. The success of this event was more than could be imagined. We had over 150 attendees, lots of super training on antennas, a number of super antenna designs for "Antenna Wars", and a packet training station. In addition, Jim Nucomb of ICOM America was there with their 737A HF transceiver and AEA of Bellevue loaned us their new antenna analyzer. We all had a great time, had lots of super food and learned a few things too. My thanks to all who helped make this one of the best ever events. Jim K7YLM



W7DK FIELD DAY 1994

June 25 and 26

Get ready gang for the biggest field day ever. We will be at a brand new location, the old Marymount Military Academy.

This year we will have stations on all bands. In addition, many stations will be for training.

Bring your rig and we will help you put it on the air. We have the use of a big hall with rest rooms and showers.

On Friday, June 24 we will provide training on antenna and tower assembly. There is going to be a potluck dinner on Saturday too. **Bring the family**.

The Mike and Key Club has challenged us this year. Come on out and have fun and help give them a good run.

KEYS!! KEYS!! KEYS!!

We are finally ready for the rekeying of the clubhouse and distribution of keys to appropriate persons. I, Shirley N7QHW, will be available at the clubhouse on Saturday, May 7, 14 and 21 between the hours of 10:00 am and 12:00 noon to reissue keys and receive the old keys back from those who no longer have a need for clubhouse keys. **PLEASE TAKE NOTE!!!** The front and back door to the clubhouse will be rekeyed so the present key you have will no longer work for access to the clubhouse. ***If you have a key, you must return it.*** It is also important to have all the alarm keys returned. At the time of reissuance of keys, each individual will be asked to sign a form related to responsibility for the keys. The following is the newly revised ***RCT KEY POLICY***. Please read it.

SEE YOU IN MAY. **SHIRLEY N7QHW**

RCT KEY POLICY

The Purpose of this Corporation is to promote the scientific advancement and technical education of our members and the public. It shall be the Policy of the Board to control the issuance of keys so as to protect the facilities and contents yet maintain necessary ready access to the facilities in order to achieve that purpose. Issuance of keys shall be by Board approval and for the following categories:

1. *Entrance only*--This shall be only the keys necessary to enter the clubhouse door and control the alarm system. (2 keys)
2. *Operations only*--This shall be only the keys necessary to enter the clubhouse, control the alarm and enter the ham shack. (3 keys)
3. *Open house*--This category shall permit showing our facilities to visitors and members. It will consist of the keys for category 1 plus a key to area which holds the keys for Category 4. (3 keys)
4. *Maintenance*--This shall consist of the keys for the ham shack, museum, generators, garage and tower locks and kept in a locked, designated location within the clubhouse. (4 keys)
5. *Administration*--This shall consist of keys necessary for management which shall be the Maintenance set plus keys to the safe, and the Post Office Box. (10 keys)
6. *Presidents* set--This shall consist of the Administration set plus the key to the Bank Safe Deposit Box. (11 keys)
7. *Remote facilities*--This shall be a supplemental set of keys for the gates and cabinets involved in the remote repeater sites.
8. *Special*--Any keys issued outside of the above categories shall be separately tabulated and added to the record.

CONTROL: Upon request of applicant, approval shall be granted by motion in a Board meeting, recorded in the minutes, and a receipt shall be obtained for the key set. The Secretary shall maintain a file of receipts for keys outstanding. It shall be the duty of the person to whom keys have been issued to return them to the Secretary when their assignment that generated the need for the key set has ended. The board is authorized to delegate this record responsibility with the requirement that the Secretary remains responsible for maintaining a copy of the official records and assuring compliance with this policy. The receipt shall also contain a promise that the person accepting the key set promises to not make any copies of the keys and will return them promptly upon request of the Board. A sample receipt is attached.

IDENTIFICATION: Keys have been arbitrarily coded with letters to aid in identification on the distribution records, that coding will be added to all keys eventually.

DISTRIBUTION: The following functional assignments shall be authorized the following key categories, with the actual set being determined by the highest category assignment if the individual is qualified by several assignments. For Committees cited, the Chair of that committee shall determine the distribution of keys for that committee and report the holders' names to t Secretary. Special distributions may be authorized the Board from time to time.

FUNCTION	**KEY CATEGORY**
Training Instructors	1
Social Events, Regularly Scheduled	1
QSL Manager	2
Technical Committee	3, 4 & 7 (three sets)
Alarm Emergency Callers	3
Facility Committee	3 (two sets)
Open House	3
Board Officers	
President	6
Vice-President	5
Secretary	5
Treasurer	6
Board Members	3
Others - As determined by Board	

Approved by Board Directors March 2, 1994

[Editors note. The *Bark* will include a series of artic and hints and kinks that should get you started become an expert in the art of Packet Radio.]

INTRODUCTION TO PACKET RADIO - PART

by Larry Kenney, WB9L

Packet Radio is the latest major development to the world of Amateur Radio. If you haven't already b caught by the "packet bug", you're probably wonde what it's all about and why so many people are excited about it. Well, continue reading, because yo about to find out.

Packet seems to offer something different f other facets of Amateur Radio, yet it can be used everything from a local QSO to a DX contact 2500 m away, for electronic mail, message transmiss emergency communications, or just plain tinkering in world of digital communications. It presents a challenge for those tired of the QRM on the low band new mode for those already on FM, and a better, fa means of message handling for those on RTTY. Pa is for the rag chewer, the traffic handler, experimenter, and the casual operator.

A ham can get involved very easily with relati small out-of-pocket expenses. All you need is a 2-m transceiver, a computer or terminal, and a TNC. If have a DOS compatible brand name computer, ju packet modem and special software are needed inst of a TNC. You probably already have the 2-mete and a computer of some kind, so all you need to bu the TNC, which costs just over $100, or the modem software, which sell together for about $50.

The TNC is the Terminal Node Controller, the black box that's wired between the computer and radio. It acts very much like a modem used connecting a computer to the phone lines. It conv the data from the computer into AFSK tones transmission and changes the tones that are receive the radio into data for the computer. It's a simple m of wiring up a plug and a couple jacks to become operational.

(cont'd on next pa

Packet is communications between people either direct or indirect. You can work keyboard to keyboard or use electronic mailboxes or bulletin board systems to leave messages. Due to the error checking by the TNC, all of it is error free, too. (That is, as error free as the person at the keyboard types it.) As the data is received it's continuously checked for errors, and it isn't accepted unless it's correct. You don't miss the information if it has errors, however, because the information is resent again. I'll go into how this is accomplished in a later part of this series.

The data that is to be transmitted is collected in the TNC and sent as bursts, or packets, of information; hence the name. Each packet has the callsign or address of who it's going to, who it's coming from and the route between the two stations included, along with the data and error checking. Since up to 256 characters can be included in each packet, more than three lines of text can be sent in a matter of a couple seconds. There is plenty of time between packets for several stations to be using the same frequency at the same time.

If all of this sounds confusing, don't let it bother you, because that little black box, the TNC, does everything for you automatically. Packet might seem very confusing at first, but in a day or two you're in there with the best of them. In this series I'll be telling you more about packet--how you get on the air, how to use it to your best advantage, and ways to improve your operation. We'll talk about that little black box the TNC, and tell you about all its inner-most secrets. We'll discuss mailboxes, bulletin board systems and the packet networks that allow you to work stations hundreds of miles away using just a low powered rig on 2 meters, 220 or 450. The world of packet awaits you!

INTRODUCTION TO PACKET RADIO - PART 2

by Larry Kenney, WB9LOZ

In the first part of this series I told you, in general terms, what packet radio was all about...what it is, its uses, the equipment used and, generally, how its transmitted. Now we're going to tell you how to get on the air, make a QSO, and become familiar with your packet station. Whether you're new to packet, having just received a new TNC, have been involved for just a short time, or are one of the "old timers, this series should help all of you. Even if you don't yet own a TNC, you should keep this article handy for future use. I'll bet you'll be joining us soon!

The equipment needed to get on the air is a VHF transceiver, a computer or terminal, and a TNC - the terminal node controller - the little black box we talked about in part 1. (There is packet activity on HF, but VHF is where all the action is. Two meters is the best place to start out on packet.) The TNC contains a modem and is equivalent to the modem used to connect your computer to the phone lines, except that it also contains special software that's specially designed for ham radio packet use. If you own an IBM computer or a compatible clone that uses DOS, you can buy software for the computer that replaces the software in the TNC, so only the modem portion of the TNC needs to be purchased.

When you buy a TNC or packet modem and take it out of the box, you'll find cables supplied for connecting it to the radio, but you'll have to attach the appropriate mike and speaker jack connectors for the radio you're going to use. You also have to furnish the cable that connects the TNC to your computer or terminal. In most cases, the standard RS-232 port is used between the TNC and computer, however this varies with the type of computer and TNC used. The operating manuals supplied with the TNCs have a good write up on the various computers and the cabling needed. I would advise that you read the introduction and set up procedures for your particular TNC very carefully. Most companies have supplied excellent manuals, and you shouldn't have any trouble figuring out your particular set up from the the information supplied in the manual.

Once you have everything wired and connected together, turn on the computer, load a terminal program (anything used for a phone modem will work well for packet) and get into receive mode. Now turn on the radio and make sure the volume is turned up about a quarter turn (about the "10 or 11 o'clock" position) and make sure the squelch is set. It should be at the point where the background noise disappears, just as it would be set for a voice QSO. Next, turn on the TNC. You should get a "greeting" or sign on message showing the manufacturer's name, software version, etc. If you see a bunch of gibberish, such as &tf$d.#ssan>m, it means that the data rate of the TNC and computer are not the same. This data rate is better known as the baud rate. The baud rate of the TNC has to match the baud rate used by your computer terminal program and is easily adjusted. Check your TNC manual for this procedure, as it varies from TNC to TNC. If you won't see a "greeting" or the gibberish, check your cables and connections. Make sure that you have everything connected properly, that the right wires are on the right pins, etc.

Now we need to explain the three levels of communicating you can do from the keyboard. First you can communicate with your computer for setting up the terminal program; second, you can communicate with the TNC; and third you can communicate with the radio. It's very important that you know which level you're in when working packet. I can't help you much with the computer level since that varies with the manufacturer, model and the terminal program you're using, but once you get the terminal program ready to receive data, you're to talk TNC.

(to be continued next month)

Amateur Radio Exams in the Puget Sound Area as of Apr 21, 1994

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, Kirkland - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 10 AM - North Seattle Comm. College, Rm 3343, 9600 College Way N. - Contact Mike Mitchell, W7WHT, 282-1438, Seattle

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, Kent - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

2nd Tuesday - 6:30 PM - Everett - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd & 4th Thursdays - 7:00 PM - Ft. Lewis Radio Club - Contact John Steele, KG7RX, 491-4682, Olympia

2nd Saturday - 10 AM - Tukwila - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - Auburn - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - Ferndale - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - Renton - Good Neighbor Center, 305 S. 43rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - Sultan - 10 AM - Sultan Elementary School - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - Aberdeen - Pearsall Center, 2109 Sumner Ave - next sessions - May 21. Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - Stanwood - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - Everett - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - Marysville - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4th Saturday - 9:30 AM - Bremerton - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

May 9 - Monday - 6 PM - Radio Club of Tacoma Clubhouse, 1249 So. Washington St, Tacoma - Contact Jerry Seligman, W7BUN, 845-7652, Puyallup

June 18, Saturday, 10 AM Radio Club of Tacoma Clubhouse, 1249 So. Washington St, Tacoma - Contact Jerry Seligman, W7BUN, 845-7652, Puyallup

Semiannually - Saturday - 9 AM - Olympia - Olympia Center - 222 Columbia North - Contact John Steele, KG7RX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306-80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

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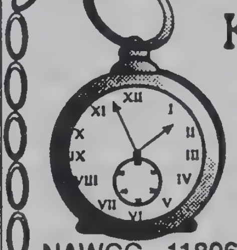

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RADIO CLUB OF TACOMA, INC.
MINUTES FOR REGULAR MEETING
March 23, 1994

The meeting of the Radio Club of Tacoma was called to order at 7:38 PM by President Jim Kirkreit, K7YLM, with 85 members and 3 guests present. A quorum is present to conduct official business.

ANNOUNCEMENTS:

4/2/94 Field Training Session at Owen Beach in Point Defiance Park

4/4/94 Novice/Tech Class begins--6:00 PM at RCT Clubhouse

4/13 & 27/94 RCT Meeting--Programs will be on antennas 7:30 PM at Library Administrative Building at 112th E and Waller Rd.

8/13/94 RCT Flea Market at Charles Wright Academy

NEW CALLS AND UPGRADES: Congratulations to:

NEW CALLS: Don Newman KC7 BAH
Linda Newman KC7BAF
Herb Weston KC7BAA

TREASURER'S REPORT: by Jerry, W7BUN.

GENERAL FUND CHECKING	608.74
REPEATER/PACKET FUND CHECKING	1,019.54
FLEA MARKET CHECKING	1,025.00
MURPHY FAVRE SAVINGS	10,272.19
SCHOLARSHIP MEMORIAL CD	2497.73
CASH ON HAND	144.00
TOTAL ALL ACCOUNTS	15,567.20

MEMBERSHIP: There are 457 members for 1994 as of this date.

MINUTES: Previous meeting minutes were available at the front of the room.

FLEA MARKET: Alan Hughes, KB7SVU, Chairperson for the Flea Market has a sign-up list for all of the volunteers he needs for putting together and operating the Flea Market. It will be available at the meetings for everyone to sign up for helping.

LOGGER CONTACT CONTEST: All persons turning in 10 or more Logger Contacts in March and April will receive a certificate for dessert at Shari's for each 10 contacts turned in during this time frame. Receiving certificates this evening were Tressie Hughes, KC7BAL; Ed Lochbihler, KC7BAI; Bob, N7QOZ; Dan, N7QWH; Russell, KB7UXK; Al, KB7SVU; and Mike, KB7VNT.

PROGRAM: The program this evening is presented bySteven, KB7DBY and Kay Van Slyke on their sailboat trip of the South Seas over a 3 year period and how they used Amateur Radio to help them during their trip. Using amateur frequencies, they were able to receive weatherfaxes with a Laptop computer as well as communication help. They had many beautiful and interesting slides of the different areas they visited. An extremely interesting program enjoyed by everyone present this evening. Steve also had some copies of an antenna that could be used called "HIGH EFFICIENCY SAILBOAT ANTENNA FOR 20 METERS".

LOGGER CONTACTS: Please turn in all Logger Contact lists to Shirley, N7QHW. She also reminds everyone that they are responsible for checking their lists to be sure there are no duplications of people and also to be sure the contacts are indeed current Radio Club of Tacoma members at the time of the contact.

AROWS: Marilyn, KB7PKH reminds all ladies of the next meeting on April 20, 1994 at the RCT Clubhouse at 7:30 PM.

RACES/ARES: Shirley, N7QHW, reminds us it us spring and many public service events are coming up. In April the following will occur:

4/9/94 Super Cities Walk (free t-shirt and lunch)

4/16/94 Daffodil Parade(great close up view of the parade)

4/23/94 March of Dimes(free t-shirt and lunch).

Call Irene, KB7IGW, to volunteer on 145.37 repeater or 442.45 repeater or telephone number is 927-5793.

HINTS AND KINKS: Jim, K7YLM, has an article on another antenna for those who are interested. The name of the article is "10 METER X-BEAM".

FIELD TRAINING SESSION: April 2, 1994 is the date for the first Field Training Session for this year and also the location for the judging of the Antenna Wars II.

FIELD DAY: Carl, KB7LIG, and Alan, N7EAY, will co-chair our Field Day event this year. The location will be at Marymount and more news coming later.

MISCELLANEOUS: Jerry, W7BUN, announces that there will be a new Novice/Technician class starting on April 4, 1994 at the RCT Clubhouse.

Be sure to read the April Logger's Bark to get the information about the contests which will be done this year for RCT members.

NEW MEMBER CERTIFICATES: Certificate of membership for new members Zach Pradel, KC7AZO; Gary De Bock, N7EKX; and Ruth De Bock, KC7BAR were available.

LOGGER CONTACTS: Certificates were available for Bill Wold, KC7AKY; Ed Lochbihler, KC7BAI; and Pam Terjeson, KC7AZV.

Endorsements were available for Russell, KB7UXK; Ed, KC7BAI; Bob, N7QOZ; Dan, N7QWH; Shirley, N7QHW; Mark, KB7ZFT; Al, KB7SVU; Dick, W7RGD; Mike, KB7VNT; and Eva, WB7QNS.

ADJOURNED: The meeting adjourned at 9:30 PM.

Respectfully submitted,
Shirley Murphy, N7QHW, Secretary RCT

RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
APRIL 6, 1994

The Radio Club of Tacoma Board of Directors meeting was called to order at 7:30 PM by President Jim Kirkreit, K7YLM. There were 8 board members and 16 guests present. A quorum is present for conducting official business.

TREASURER'S REPORT by Jerry, W7BUN.

General Fund Checking	580.94
Repeater/Packet Fund Checking	1,069.54
Flea Market Checking	(no report)
Murphy Favre Savings	10,272.19
Scholarship Memorial CD	2,497.73
Cash on Hand	43.00
Total	14,463.40

There was not a current report for Flea Market Checking.

MINUTES: The minutes of the March 2, 1994 Board meeting were available.

MEMBERSHIP: Total members for 1994 as of today is 468.

FIELD DAY: Alan, N7EAY and Carl, KB7LIG will co-chair the Field Day event this year which occurs on June 25-26. The site for Field Day this year will be at Marymount. Alan, N7EAY, would like the volunteers to be at the clubhouse around 1100 on Friday, June 24th to begin loading the Field Day gear. Jim, K7YLM, reports that the Mike and Key Club has presented a Field Day challenge for the most contacts and he has accepted the challenge on behalf of the Radio Club.

LONG/SHORT RANGE PLANNING COMMITTEE: Roger, K7AYC, reported the committee met at his house on March 30th. They wrote a mission statement and had lots of good ideas expressed. The committee welcomes any input from club members. The next meeting will be at Jim's, K7YLM, home on April 28, 1994.

MOTHER'S DAY BREAKFAST: Rich, N7ANF, is working towards organizing the annual event for Mom's and would like to recommend that the club purchase a flower for each Mother. A vote was taken and 6 Board members were for and 2 against. Flowers will be purchased.

FLEA MARKET: Al, KB7SVU is chair for the Flea Market this year. Al reports that the cost for tables for the Flea Market is 8 Ft. Commercial table is $40 and 6 Ft. Non-commercial is $15. He raised the question as to whether we would accept door prizes in lieu of table rent for non-selling company. Board vote is 5 For, 2 Against and 1 Abstain.

FIELD TRAINING SESSION: Jim, K7YLM, reports that the event at Owen Beach was well attended and everyone had an excellent time and learned lots also. He requests an additional $32.22 for expenses. Approved by the Board. He thanks Bud, KC7AVT for organizing this very well put together event.

PACKET STATION: Jim, K7YLM, reports that the Packet Station which is to be set up for individuals to learn more about operating packet is almost complete and will be set up soon in the clubhouse.

Denny, KB7NAG, requests the minutes express his concerns about overcrowding within the clubhouse, i.e. shuffling of furniture to accommodate the needs are indicative of not enough space and we need to be aware of this lack of space.

RACES/ARES: Shirley, N7QHW, reports that the Pierce County Emergency Coordinator position has been filled by one of our club members, David Brinkmann, N7UNN. She also reports that effective April 30, 1994 she is resigning as the District Emergency Coordinator for the South Sound region. If there are any club members interested in being considered for the DEC position, she would be happy to submit their name.

KEY POLICY: Shirley, N7QHW has provided to each Board Member a copy of the revised KEY POLICY. There will be a short article followed by the policy in the May *Logger's Bark*. She will be available for exchanging keys on Saturday May 7,14 and 21. Loc are anticipated to be changed the 7th.

FINANCIAL ACCOUNTABILITY: Jerry, W7BUN, as the Board's opinion related to requesting a VISA Ca for the club since it would have an annual fee of abo $40. Discussion resulted in an agreement that we d not need a VISA Card at this time.

AROWS: Marilyn, KB7PKH, reminds us of the Ba Sale which will occur at the first Radio Club meeti each month.

AUTOPATCH: Jerry, W7BUN, says the autopatch co is not changed yet but it will be done soon.

CODE PRACTICE OSCILLATOR: Someone h borrowed the Code Practice Oscillator that is used wh teaching code to the Novice/Tech classes. It is urgen needed now for the new class that started April 4 **WHOEVER HAS IT - PLEASE RETURN THE CO PRACTICE OSCILLATOR!**

PROPERTY TAX EXEMPTION: Ray, W7KFN, repo that in order to be eligible for a property tax exemptic we need to consider the possibility of becoming Emergency Station, possibly through ARES. After mu discussion, Shirley, N7QHW, moved that we discu this possibility at the next club meeting with t members since they are key to being able to support Emergency Station. Seconded by Jerry, W7BU MOTION PASSED.

MUSEUM: Rob, K7TGU, suggests that the Boa consider applying for a vanity call sign for the museu Jerry, W7BUN, moved that we apply for a vanity c sign for the museum of W7OS as a Radio Club Tacoma Museum Station. Seconded by Kathlee N0EYK. Board vote is 7 For and 1 Against. MOTIC PASSED.

Rob also suggests we join the Puget Sound Antiq Wireless Society. Jerry, W7BUN, so moved, second by Mac, W7MSR. MOTION PASSED.

MISCELLANEOUS: Bill, N7TEQ, requests the use the clubhouse for a MASS meeting on April 15 planning for the parade. Permission granted.

Jerry, W7BUN, has been asked if the club would interested in receiving and reviving the engraved B Buckle with Amateur Calls equipment. He reports would be a possible fund raiser for the club. Kathle Nace, N0EYK, would like to volunteer to be the pers who would do it for at least the next 3-5 years. decision will be made possibly next month.

ADJOURNMENT: Meeting adjourned at 9:30 PM.

Respectfully submitted,
Shirley Murphy, N7QHW, Secretary, RCT

ATTENDANCE

President	Jim K7YLM
Vice-President	Alan N7EAY
Secretary	Shirley N7QHW
Treasurer	Jerry W7BUN

Board members: Mac W7MSR, Kathleen N0E Denny, KB7NAG, Rich, N7ANF

Guests: Judy AJ7R, Alan KB7SVU, Rob K7T Tressie KC7BAL, Ray W7KFN, Roger K7AYC, Da WB7AUJ, Marilyn KB7PKH, Don KB7GKB, D Mattice, Bill N7TEQ, Ralph KA7FIG, Joey KB7U Bud KC7AVT, Gary KC7AVU and Mike KB7VNT.

RADIO CLUB OF TACOMA
MINUTES FOR REGULAR MEETING
APRIL 13, 1994

The meeting of the Radio Club of Tacoma was called to order at 7:30 P.M. by President Jim Kirkreit, K7YLM, with 88 members and 6 guests present. A quorum was present to conduct official business.

ANNOUNCEMENTS:

Owen Beach field training - Bud, KC7AVT, thanked all for showing up and Marilyn, KB7PKH, thanked all for the food and donations, they served 145 people. Jim, K7LYM, announced that the awards would be presented at the next meeting.

Mother's day breakfast - Rich, N7ANF, announced the mothers day breakfast for May 8th 8 to 11 AM at the clubhouse. Hotcakes, Ham, Eggs, Juice etc.; $3 for men, $1.50 Children, mothers in for free. Last years was quite successful.

Father's day breakfast - Marilyn, KB7PKH, announced a Father's day breakfast for Saturday June 18th.

Jim, K7YLM, announced contests, April 23rd for Novices and Techs; later 2 contests per month will be held for "Old" hams and "new" hams.

Alan, N7EAY, reported on Field Day plans and routed around a sign-up sheet.

Alan, KB7SVU, reported on the Fleamarket, he is getting donations for door prizes and needs some help to create banners signs. The fliers are going fast.

Judy, AJ7R, routed around a sign-up sheet for creating a telephone tree for contacting members.

NEW CALLS AND UPGRADES:

David, WB7AUJ, upgraded to Extra; Daniel, KC7BMK, to Tech.

HINTS & KINKS, TUNING & TRAFFIC, ETC.:

Jim, K7YLM, passed out a reprint, A cheap way to hunt transmitters.

HEALTH & WELFARE:

Jim, K7YLM, reported that Tom Murphy is home, tired and doing better. Jim Perry, N7IZD, had surgery and is now home. George, N7TEP, reported that he didn't fall off a house, tree, or ladder; the ladder slipped and he broke both feet. He stood up and is going back to work.

TREASURER'S REPORT: by Jerry, W7BUN.

GENERAL FUND CHECKING	1,151.72
REPEATER/PACKET FUND CHECKING	1,069.54
FLEA MARKET CHECKING	607.13
MURPHY FAVRE SAVINGS	10,272.19
SCHOLARSHIP MEMORIAL CD	2,503.17
CASH ON HAND	0.00
TOTAL ALL ACCOUNTS	$15,603.75

MEMBERSHIP: There are 490 members

MINUTES: Previous minutes were available at the front of the room.

PROGRAM: Hal Stahlhut, W7EC, presented a discussion of antennas including his "super slingshot" for putting wires into trees; as well as a detailed discussion of his home brew telescoping tilt up mast. The videos effectively presented both projects with the super slingshot being shown as an evolution from fishing rods, sling shots and archery as displaced methods to toss a line over a tree to pull up an antenna. Bob, KI7HW and Don, KB7GKB were his helpers.

MISCELLANEOUS:

Mary, W7QGP, and Harry, W7JWJ, Lewis were guests. Mary is the ARRL Northwest Division Director and Harry is the ARRL Section Manager for Western Washington. Mary reported on the antenna bill that the Mike & Key Club pushed through the legislature, (Many RCT members helped) and a new memo of understanding between the ARRL and the National Red Cross. FCC activities are being strengthened in the area of NAL's against fishermen using the ham bands and other problems. President Clinton has named a lawyer to enforce and collect the UP TO $20,000 fines that have been imposed. She asked how many present were members of ARRL and about 75% of the audience so indicated. The ARRL is now set up to handle digital data they are easier to handle than telephone requests.

Bud, KC7AVT, awarded a First Contact Certificate to Veda, KB7BMP, congratulations.

Jim, K7YLM, reported the STS59 shuttle is on 147.45 and 145.84MHz with bulletins on 146.64. They need to have callers reduce deviation to 3KHz because of some problems with their radios. They also have down link traffic on 14.295 MHz.

David, WB7AUJ, thanked the club for getting him started, he now has his extra class. He reported on the long range planning committee activities and requested suggestions from the members.

NEW MEMBER CERTIFICATES: Certificates were given to Cecil Burleson, N/C; Ruth DeBock, KC7BAR; and Gary DeBock, N7EKX.

New member certificates are available for Danny Hermosillo, N/C; Karl Marsh, KB7YOH; Les Smith, N/C; Dennis Fames, KA7IIV; Jeff Halliburton, KF7FR; Frank Bannon, N/C and Milton Campbell, N7ZWS.

LOGGER CONTACT ENDORSEMENTS: were given to Bob, N7QOZ; Al. K5EAF (2); Bill, KC7AKY; Ed, KC7BAI (3); Russell, KB7UXK; Al KB7SVU; & Mike, KB7VNT

LOGGER CERTIFICATE was given to Tressie, KC7BAL plus 13 endorsements.

ADJOURNED: The meeting was adjourned at 9:30 PM.

Respectfully submitted,

Ray Pedersen, W7KFN, Acting Secretary

MOTHER'S DAY BREAKFAST

Mother's Day, May 8th is just around the corner. We hope the Clubhouse at 1249 S. Washington will be packed to the maximum. As in the past, the doors will open at 8 am and close at 11am.

The cost is easy. **Mothers are Free**, children under 12 are $1.50 and everybody else is $3.

The menu will be hotcakes, eggs any style as ordered, a slice of ham, orange juice, coffee or tea.

Traditionally this breakfast has been put on by the men of the Club. **HELP!** On the job training is available. I need four or five volunteers to help with the cooking and serving.

To volunteer, please call Rich, N7ANF, 474-8883

May 1994

W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDA
1 # DICK -KG7WF	2 # KAREN BURNS # JOHN-KB7TGE # CRAIG-KB7OLZ	3 147.28 NET 7:30 PM -----------------	4 Board Meeting Club House 7:30 pm. #'DICK'- N7QWC	5 #'BILL'- NJ7G # STEVE-KB7YCJ # JAMES-KB7UXW	6	7 PINOC POTLU Clubhou 7pm STANWOOD/ CAMANO ISLAND FLEA MARKET #'LOU'- KB7WD #'PAT'- KD6RHN
8 MOM Mother's Day Breakfast-Clubhouse #'DAVE'-KG7OP	9 LICENSE EXAMS - Clubhouse - 7:00pm # ROGER KB7AZQ	10 147.28 NET 7:30 PM ----------------- # RUDY -N7CJM #'JIM'- KB7UTQ	11 W7DK MEETING Library 112 St.E.& WALLER RD.7:30pm #'BOB'- W7SFO	12 #'JIM'- KB7VOM	13 # LEN - WB7CFH # STEVE -N9PKO	14 WASHINGTON HAMFEST - YAKIMA RUSSIAN CQ-M Contest #'NICK'-N7BCV # JIM - KA7YFK # TOMMY-KB7
15 WASHINGTON HAMFEST - YAKIMA #HAROLD-KA7RNL #'ED'- KC7ADL	16	17 147.28 NET 7:30 PM ----------------- MVWS VE TESTS # PAT - WA7UNF # STEVE-KB7LOB #GEORGE-KB7UFS # TOM - K4ROQ #DENNIS-KB7WFV	18 *ARROWS MEETING Clubhouse 7:30 pm.* # JOHN - N7GBR	19 #'ROB' K7TGU	20 *LOGGER'S BARK "DEADLINE"*	21 *Armed Forces* 5 MILE LAKE - TRAINING/POTL # NORM KA7PC
22 # FRED-N7UET	23 LADY'S PINOCHLE CLUB-HOUSE NOON #'RON'- WA7UQV	24 147.28 NET 7:30 PM ----------------- # KERRY-WB7AKE	25 W7DK MEETING LIBRARY 112 St.E. & WALLER RD.7:30pm #'KATHY'-N0EYK # 'BOB'- N7TES	26 # 'STAN'-N7KMF	27 BARK LABELING PARTY # 'DICK'-W7RGD # SCOTT-KA7IOX # 'BOB' W7RGO # RANDI-KC7BAN # GARRY-KB7ZDS	28 # 'KIRK'-N7UYO
29 # STEVE-WB7WUX # 'NICK'-N7WGQ # BOB RYAN	30 # JAMES -N7RRK *Memorial Day (Observed)*	31 147.28 NET 7:30 PM ----------------- # MARY -W7SKR # 'PAT'-N7WGR # LYSLE-KB7RBV #'RICK'- N7YFE # TEDD - W7YAM				

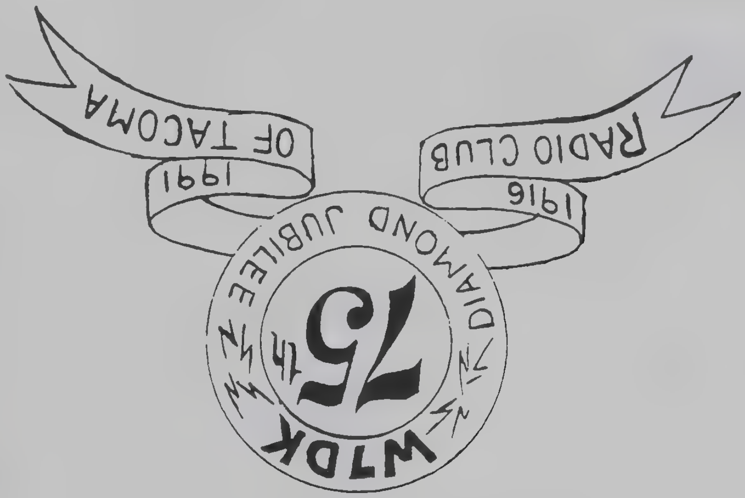
April

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

June

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

# Happy Birthday!


W7DK
75th
DIAMOND JUBILEE
1916
RADIO CLUB
1991
OF TACOMA

THE LOGGERS BARK

RADIO CLUB OF TACOMA, INC.
PO BOX 11188
TACOMA, WA 98411

ADDRESS CORRECTION REQUESTED

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THE LOGGER'S BARK
RADIO CLUB
W7DK
OF TACOMA
SPECIAL SERVICE CLUB

VOL. XXXI NR.6 W7DK JUNE 1994

FROM THE PRESIDENT

by Jim K7YLM

What's New (or Not So New)

For many years the Radio Club of Tacoma has had a fine museum. It is truly a page out of the past. I had the opportunity to get a tour from Doc Spike himself, for whom the museum is named. There are so many fine pieces of equipment. He was proud of the rotary spark equipment, the speed keys with Canadian dimes for contacts, the PR-10, he SX-128, the Sky Buddy and the many home brew coils, capacitors and rectifiers.

When I walk through the museum, I always think back o what it must have been like to build a complete station rom the ground up, and then listen for a faint return to your CQ.

I thought, "Why can't we do it again?" We have the alent, the equipment and I was sure we had the desire. In he back of my mind, I kept thinking of how much fun it must have been to actually operate a station you had created with your own hands. I knew I couldn't go back in ime, but I had an idea that the Radio Club of Tacoma could recapture a bit of the past. Why not get a group ogether and put W7DK antique wireless on the air? I didn't have to look far to find some experienced hams who had built and operated their own gear in the early 1930's.

The first part was to get approval of our Museum Curator, Rob Lee, K7TGU. Rob has been working for five months on making the museum a thing of beauty. He's put in new lighting for new displays. Rob has been cataloging and listing the equipment and is featuring special items.

Rob gave his approval for Worth Gurley, W7WG, and Mac Parks, W6NBD, to go ahead to plan for a station operation. They tell me the first station will probably have a home brew transmitter, the SW-3 (the first commercial shortwave receiver) and a Zepp antenna. They plan to have special QSLs and a lot of hands-on operation for interested members. No rotary spark or Model T Ford coils will be used.

I know there is a lot of interest in early radio by our club. If you are a person who has operated some of this classic equipment, give Mac or Worth a call. Let's get W7DK Antique Wireless going as a club effort. We can relive our dreams and memories. 73.

COMING EVENTS

JUN 1 - Board of Directors meeting - 7:30 PM - at the Clubhouse - all members are invited

JUN 4 - Pinochle/Potluck Clubhouse 7 PM.

JUN 4-5 - Apple City Hamfest - Wenatchee, WA

JUN 4-5 - Sea-Pac Ham Convention - Seaside, OR

JUN 8 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM - Program: ***"Why We Need VHF/UHF Frequency Coordination."*** Jon Marcinko, W7FHZ, has been with the Western Washington Amateur Relay Association (WWARA) since its beginning almost 20 years ago. Jon will explain the necessity for coordinating repeater frequencies. He is the Manager of Radio Systems for all Washington State Department of Transportation radio equipment.

JUN 15 - AROWS Meeting NCO Club at McChord 6:30 PM

JUN 18 - License Exams - 10 AM - Clubhouse.

JUN 18-19 - All-Asian DX Contest - see May QST page 136

JUN 22 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM - Program: ***"Field Day."*** Final plans and strategies for the Field Day exercise. There's fun for everyone regardless of license class. This is the premier event of the year for learning about antennas, station equipment, and operating skills.

JUN 27 - Ladies Pinochle Clubhouse 12 PM

JUN 25-26 - Field Day - new site: Marymount in Parkland. The rules are in May QST, page 132.

AUG 13 - RCT Flea Market - new site: Charles Wright Academy.

RADIO CLUB OF TACOMA
1994

PRESIDENT	JIM KIRKREIT	K7YLM	927-7825
V PRESIDENT	ALAN ALLEN	N7EAY	475-7413
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TREASURER	JERRY SELIGMAN	W7BUN	845-7652
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	JOHN McALLISTER	W7MSR	952-7388
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PUBLISHER	W7DK PRESS	N7QHW	759-5350

****

CLUB MEETINGS

7:30 pm
Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411. 206 / 759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Mail all articles and advertising to Ralph Fuller, KA7FIG, 8208 Southway SW. Tacoma, WA. 98498. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO ***THE LOGGER'S BARK***, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/ Radio Club of Tacoma

147.88 / .28 MHz   144.97 - Packet
147.98 / .38 MHz   441.00 - Packet
224.52 MHz

NEW MEMBERS as of MAY 19, 1994

FRAN LE ROY, call pending RCT#1730
HERB LE ROY, KA7NBC RCT#1731
P.O.BOX 1
KAPOWSIN, WA 98344 893-6989

CURTIS (DAVID) HASTINGS, Jr., KC7BHP RCT# 1732
10454 OLALLA VY. RD. SE
OLALLA, WA 98359 857-2310

CHARLES (Charlie) LARSEN, call pending RCT# 1733
32403 TISCH RD. S.
ROY, WA 98580 843-2822

TED BURFORD, KC7CAX RCT# 1734
901 S. SHIRLEY ST.
TACOMA, WA 98465 752-8479

NORMAN J. (NORM) HOPPE, call pending RCT# 1735
7621 S. J ST.
TACOMA, WA 98408 472-2142

BETTY WESTON, KC7ACY RCT# 1736
HERB WESTON, KC7BAA RCT# 1737
P.O.BOX 86
TACOMA, WA 98401 627-0866

DANA TOTTEN, N7NRF RCT# 1738
1304 MIX RD. NW
OLYMPIA, WA 98502 459-5713

RAYMOND E. (RAY) CARLSON, KC7CBM RCT# 1739
1407 WEATHERVANE DR.
TACOMA, WA 98466-5712 564-7832

ADDRESS CHANGES:

STAN BOWN, KA7UXJ
SHERRY BOWN
726 N. 120 E.
HURRICANE, UT 84737

JOHN STEWART, N7ZLH
614 PIERCE LANE NE
TACOMA, WA 98422 927-7571

BOB MILLS, KB7OSS
1036 ROSEWOOD LANE
TACOMA, WA 98466

DENNIS CARROLL, KB7WFV
P.O.BOX 568
BURLEY, WA 98322 (pager) 552-6249

TOM MURPHY, N7QHX
SHIRLEY MURPHY, N7QHW
161 MAPLE LN, RAFT ISLAND
GIG HARBOR, WA 98335 265-3661

REINSTATEMENT:

GEORGE R. ABBOTT, WA7BHH RCT# 567
1220 S. WOODLAWN
TACOMA, WA 98465 565-1435

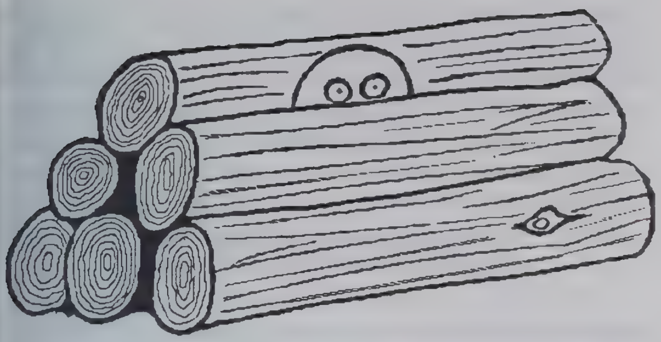
ANDREW KIRKWOOD JR, W7GCI RCT# 794
6518 ARDMORE DR. SW
TACOMA, WA 98499 581-1045

NEW CALLS:

MIKE HORBUL, KI7YB

CORRECTIONS AND ADDITIONS:

DAN SMITH, N7VXJ - Phone No. 536-1512



Chips from The Editor's Logpile

In this month's **Bark** I would like to draw your ttention to some special features. Last month's issue ad lessons one and two on an introduction to packet adio. Although I stated we would print all eighteen essons, these two articles have created the largest avorable response since I became the Editor. Lessons hree and four are included in this issue and I hope they ring the same results.

This issue we have a guest editorial by my ghost *acker* and compositor, Nick, N7BCV. [*Hacker* as it was riginally used some 17 years ago before the term was istorted by the media.] Nick thought that the nembership should have some idea what it takes to put his newsletter together. One of the areas he does not hention are the sheer number of activities and articles ubmitted to be published in the **Bark**. What was six ages a year and a half ago is growing rapidly towards ixteen pages. We are striving for quality and a epresentation of the Club's growth.

Roger, K7AYC, has an excellent article on the "Long Range Planning Committee" which is a must for all of he members to read and ponder. He chairs a very pecial committee that can have a large part in etermining the direction for the Radio Club of Tacoma or a very long time to come.

Several members felt that a point of view oncerning the act of VEC, W5YI, to charge a fee for oliciting license renewal should be published. In the pril 15th issue of the "W5YI News Letter" there is an ditorial which I think will take away some of the sting nduced by the "ARRL and WestLink Report" printed in ast month's issue of the **Bark**.

We hope the **Bark** is meeting your needs. Any nember may give articles, noncommercial advertising, r other material you want published and if it's not lewd, rude or profane, we'll do our best to see that the item is ncluded in an issue.

Timber

Inside The Editor's Logpile

The "birth" of the monthly **Bark** is not an easy nor a olo task. Here is an *inside* look.

Around the 15th of the month, the individual eporters and contributors ("YLM", "QHW", "BUN" and he rest) begin to get nagging calls from ye old Editor, "FIG". "Aren't those articles done yet?" asks Ralph. The far end of this issue's deadline looms rapidly.

Finally the submissions begin to "ring" in, as the preferred method of submission is via Ralph's modem into his computer's 'host BBS' mode of operation. Occasional articles are submitted by fax with prior arrangement.

Software of choice for the **Bark** is Microsoft Word for Windows v6. It has all the formatting power I need for this publication. Shirley's club minutes are actually done in Word for the Macintosh, and that conversion is a snap. Some contributors send articles in ASCII - a suitable code for basic text without formatting. Others insist on using their own word processor format and occasionally changing the files can be a problem. (Using Word/Win or ASCII is easier on us.)

Ralph spends hours editing the submissions and contemplating the issue's layout. Meanwhile, photos. business cards, artwork, and other things of a graphic nature are being scanned and edited by yours truly, the **Bark's** compositor.

Eventually "FIG" & I arrange a session to do the final assembly. Ralph brings most of the files on a computer disk. Others he forgets on his computer at home. No problem. With a phone call his wife, the fair Marie, KA7HEG, puts his computer into a special host mode where I can operate it completely by remote control, searching for the missing file(s).

Once all the material is here, 4-5 hours of electronic "cutting-and-pasting" begins. Ralph has pretty much decided what goes where. I have to make it fit. We use a sans-serif font called Arial, usually somewhere between 10 and 11 points in size. (One inch equals about 72 points in height.) I juggle the point size, margins, indentation and picture size to make it all fit the reality of two columns on 8½x11" paper. Issues with many photos and much artwork make for huge files. May's issue was over 3.5 megabytes in size.

As much as Ralph and I work on an issue, errors do occasionally remain. Oh well, we try to have something for everyone, even those who delight in finding errors. (In between issues of the **Bark** they must have a field day with, say, *The News Tribune!*)

Finally I kick Ralph out with the proofs, all except for the monthly calendar. That is still accomplished by Dick, W7RGD, publisher emeritus of the **Bark**, and keeper of the sacred database from which the labels are printed. While Ralph and Shirley take a final look at the proofs and then have it printed, Dick is running off the labels.

The final act of publication is Shirley's *Lickem-Stickem Label Party* at the clubhouse where the issue gets its final attention before being bundled off the Postal Service's Evergreen Station and on to your homes.

Some 20 people have a hand in the publication of each issue – volunteers all. Any of them would be willing to stand aside and let you have your shot at bringing it all together every month. Meanwhile, enjoy this issue while this very rare Logger's contact disappears into the woodwork for another month...

73 de *"Nick"*, N7BCV

NEWS FROM ARRL AND WESTLINK REPORT

de W7BUN

New message forwarding rules for messages relayed by amateur high speed networks take effect June 1, 1994. Under current rules, all licensees in a chain of forwarding stations are responsible for message content. Originators of messages continue to be responsible for their content, and the first forwarding stations are responsible either for the content or for verifying the identity of the originator.

On April 1, 1994, the ARRL and the American National Red Cross signed a new Statement of Understanding, to lay out how Amateur Radio volunteers - including members of the Amateur Radio Emergency Service (ARES) and the ARRL National Traffic System (NTS) - can assist the Red Cross in disaster communications. The new agreement differs from earlier agreements by promoting closer working relationships between ARRL ARES and NTS volunteers and the Red Cross on the local level, and it calls for the development of specific guidelines for the handling of health-and-welfare traffic and inquiries during and after disasters.

The ARRL has petitioned the FCC to increase the minimum number of members necessary for granting a club station license from two to four. The FCC has designated the petition RM-8462. The FCC has not issued club station licenses since 1979, but there is a 1993 notice of proposed rule making to reinstitute club licensing.

As reported to the FCC the ARRL Volunteer Examiner Coordinator (VEC) finished 1993 with expenses of $184,821 above and beyond those offset by examination fees collected. The FCC annually sets maximum examination fees for VECs.

Casey Haley, AB5RG, is the youngest ham to receive a DXCC Certificate. Nine-year old Casey is an Extra Class licensee and lives in Houston, Texas.

Dr. Karl William Edmark, a Seattle heart surgeon who invented the portable defibrilator on a card table in his bedroom in 1954, died in April. Though he wasn't a licensed amateur at the time of his death, he held the call W7IGJ for many years.

The FCC has denied three petitions from amateurs to change the licensing structure. One petitioner would have lowered Morse code requirements and two others would have eliminated the 5 wpm CW examination for the Novice license. The FCC also denied a request from KW1I for a waiver of transmitter power limits. K40 Electronics of Michigan was fined $20,000 for selling non-type accepted CB equipment, including power amplifiers.

The FCC has issued a Notice of Inquiry (ET Docket 94-32) on reallocation of spectrum from federal government use. 50 MHz of spectrum would be transferred to private sector use, possibility as early as this summer. Identified for reallocation is 2390 to 240
MHz, 2402 to 2417 MHz, and 4660 to 4685 MH
Amateurs share 70 MHz in the 13 cm band whic
includes the first two ranges. The Department
Commerce has specified 35 MHz for reallocation ar
believes that the amateur service can satisfy i
requirements with the remaining 35 Mhz.

CLUB EQUIPMENT

The following club-owned equipment is available f
short-term checkout by club members:

- Antenna Kit (Rohn gin pole for 25G or 45G, rope
  hard hats, and safety belt)
- Ameco SWR bridge
- Millen solid-state dip meter
- Heathkit VTVM

Call Jerry, W7BUN, at 845-7652 to reserve or check o
these items.

REPEATER AUTOPATCH ACCESS CODE
TO CHANGE JULY 1
RCT members can call Jerry, W7BUN, 845
7652, or Shirley, N7QHW, 265-3661, for th
new access code.

Don't forget when you join the ARRL
renew your ARRL membership, do so throug
the club. The club gets a small commissio
and you save having to supply a stamp and a
envelope. Also, for those joining for the fir
time, the ARRL will give you your choice of
free book. See the Treasurer for details.

FIELD DAY - June 25/26, 1994

This year is guaranteed to be the best ever! Our ne
location at the former Marymount Academy is super! T
find Marymount Academy, head out Pacific Ave. So.
156th St.(Military Rd.) Turn East for 1/4 mile to Field D
site on left side. There's lots of land, trees and a lar
building for our use, even restrooms and showers too.

The theme this year is three-fold. First, the training
our club members in how to set up a complete statio
including antennas. Second, the designation of mar
training stations to teach our members how to operate bo
code and phone during contest conditions. Third, th
training of our members on how to set up and operate
station to be used if we should be called upon to assi
during a local or national emergency.

We will have contests, prizes, a potluck and fun for th
entire family. We need YOU! Come on out, bring yo
equipment and we will help you get it on the air.

Attention RCT Members.

The Radio Club of Tacoma is trying to develop a vide
library of the programs at our meetings. Any donations
new or used video tape would be greatly appreciate
These tapes could then be loaned to any member or oth
interested radio club. Please contact Don, KB7GKB,
845-8346

Long Range Planning Committee

By Roger, K7AYC, Chairman

At the March Board of Directors meeting, Jim ppointed a Long Range Planning Committee. The ecific charter of this committee is to help the BOD, oard of Directors] with recommendations on what the ub should be working on in the next few [or many] ars. This committee has now completed three eetings and is ready to make an initial progress report the club.

In order to properly position our vision of the future, e have written a Mission Statement to help guide us. his Mission is keyed to the Club's goal of being a haritable, Educational and Scientific organization. pecifically, our mission statement is:

Submit plans to the board for continuously improving the level of community service, the quality of training, promoting the awareness of ham radio in the community, improve RCT's image, provide means for meeting our members expectations, and encourage membership in the RCT.

When we began our process, we held a brainorming session to give us a set of ideas upon which to ork. These ideas were then referred back to our ission Statement to make sure that we were working n the right track. We then refined and condensed our riginal set of ideas into a manageable lot.

When we first looked at this list, we felt so mpelled by the urgency of some of our ideas that we und committee members volunteering to take on me action items. Jerry, W7BUN, began working on a ew Member Packet and David, WB7AUJ, began uilding a computer database to help us assess our ember's expectations.

Additionally, two items have already been referred the BOD for their action. They are:

Emergency Communications:
  a) Establish a training organization dedicated to the enhancement of the emergency communications skills of the amateur radio operators in the Tacoma/Pierce County area.
  b) Determine if the RCT should align itself with an emergency services group and facilitate the alignment if it is deemed necessary.
  c) Provide emergency communications facilities at the clubhouse (or elsewhere).

Training:
  a) Put together a committee to evaluate the current training program with respect to the needs of the community and the amateur radio operators in the community.
  b) Put together a plan to implement the recommended improvements to the program.

ere are our remaining ideas, in priority order:

Program Services
  a) Review of what we've done
  b) What we need to do in the future

Membership
  a) Prospective member solicitation
  b) Former member feedback
  c) Assess the expectations of the current membership
  d) Growth plans

3. Facilities
  a) New facility (clubhouse)
  b) Current facility expansion and improvements
  c) Club station expansion and improvements

4. Funding Sources
  a) Donations from the public (Cash and non-cash)
  b) Grants from private and public sources

5. RCT Staff Positions
  a) Adding staff to help achieve our goals

We plan to continue working on these issues through the summer. As we make headway, we will continue to bring recommendations to the BOD and make reports to the Club at large.

A.R.O.W.S.

Hello from the A.R.O.W.S. group! Wednesday we had a very productive meeting. Vice President Jan Maynard brought a Tee shirt with our logo printed on it and is taking orders. If anyone is interested please call her at 862-0659. Sweatshirts are also available.

A.R.O.W.S. will again be at W7DK at the Lake cooking hotdogs and overseeing the potluck. Also, we are providing the first Father's Day Breakfast June 19 at the clubhouse. We sincerely appreciate your continued support of our bake sale at the first RCT meeting of each month.

Our next A.R.O.W.S. meeting will be a buffet dinner meeting at 6:30 pm Wednesday, June 15, at the Northwest Connection (formerly the NCO Club) at McChord. You will need to stop and show proof of registration and insurance at the gate. Please call Dolly Mattice at 964-0143 so she can reserve space. We look forward to seeing you.

Marilyn, KB7PKH

FATHER'S DAY BREAKFAST

Father's Day is Sunday June 19th and on that day the Ladies Group, A.R.O.W.S., will provide breakfast for the nice dads in our radio club family. We will cook and serve breakfast from 8am to 11am.

Fathers are free, children under 12 are $1.50 and everybody else is $3.

The menu will be hotcakes, eggs to order, ham, orange juice and coffee. Come one, come all. We look forward to serving you!!

PACKET

Hey Gang! If you are interested in packet radio, if you have your own packet station, want to learn what it is, or want to help with the W7DK packet program, come on out to the clubhouse at 1249 S. Washington St. at 7:30pm on Thursday, June 9, 1994.

Packet is truly a "state of the art" program. Give us your ideas and we will put them into operation.

To get started costs very little and has super rewards. It could be the best thing you have ever done.

See u there! **Jim K7YLM**

C
A E
R S
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A S

On behalf of the Pierce County Emergency Communication Services group, I'd like to take this opportunity to thank Jan for all of her hard work and many hours spent in the interest of Amateur Radio and developing a unit that functions as one but is made up of two components (i.e. RACES/ARES). The two groups are indeed one and today think of themselves as one with two hats. We thank Jan for the efforts to allow the group to achieve this goal. We also thank her for a multitude of other achievements attained under her leadership. Jan is continuing as an active member of the management team as the West District Coordinator. Jan has resigned her position as the Pierce County RACES Radio Officer. Fortunately, Pierce County Emergency Communication Services is off and running again with a new Pierce County RACES Radio Officer. Tom Stanley, KB7VOO, has accepted this position for Pierce County. Please join me in welcoming and supporting Tom and giving him volunteer time to aid in his endeavors as the RACES Radio Officer. He replaces Jan, N7QHU.

I would also like to thank another person who is resigning from their manager position. Candy Plumlee, KB7KJX, has resigned as the Hospital Manager for RACES as of May 1, 1994. Candy has done an exemplary job of organizing the volunteers that are staffing the hospitals for disaster events. The group has a monthly net, monthly telephone tree and has been very active and knowledgeable under her leadership. She will be missed very much. As of this printing, I know of no replacement.

PUBLIC SERVICE EVENTS continue to be in front position for activities so if you weren't able to help out last month, there are still opportunities to help. Remember, we not only need amateurs in key positions on the courses but the Emergency Bus is also used and volunteers are also needed to support that so each event usually needs at least 12 volunteers if not more.

The equipment needed is a handheld radio capable of transmitting on 2 meters, fully charged batteries and a spare if possible, and a good antenna. Most of the time 145.37 repeater is used as well as the 145.21 repeater. Tone capability is often needed so you should have the capability in your radio. Occasionally, the communi-cations will be done using a simplex frequency which would be announced at the time of the event.

Coming events are:

- **6/11/94** Sound to Narrows--free T-shirt
  - **7/4/94** Fourth of July at Old Soldier's Home in Orting 12 noon-12 midnight (lots of volunteers equal shorter shifts)
- **7/94** Tour de Pierce--free T-shirt

To volunteer for any of these events, conta Irene, KB7IGW, at 927-5793 or contact her on the on 145.37 repeater or 442.45 repeater. She needs lo of help so give her a call and help out for one or even of the events.

Also, June 3, 4, 5, and 6, 1994 there will be Statewide Communication Exercise occurring. The or place volunteers will be needed will be the Emergen Operations Center (EOC) in the Department Emergency Management. If you have an interest in th please contact Tom Sutton, WV7V at 591-7470 and s if there will be room for observers for learning purpose The DEM is not very large and there are usually multitude of persons operating from that one location available space is limited. All available modes communication will be used. Currently this includ UHF/VHF, Packet Radio and HF. The Air Nation Guard is currently setting up a satellite station in t DEM which will also be used that day f communications.

Membership in RACES/ARES is desired if y decide to volunteer for any of these functions. You c pick up an application at any radio club meeting fro Shirley, N7QHW, or contact her at 265-3661 and s will mail you one.

Happy volunteering and 73 Shirley N7QH

VE TESTING

The Maple Valley Wireless Society w conduct an all License examination the Thi Tuesday of each month, and shall begin 7p promptly at the Auburn Fire Station located 1101 "D" Street NE, Auburn WA

Should you like more information on how y might participate, call **Bill / W7GBC**, 584-108 or **Ralph / KA7FIG**, 582-5841.

Walk-ins are always welcome.

CONTEST FOR JUNE

For the novice, tech and tech plus the "Worked Washington State Cities Award." Any mode. June through June 5. Each entry must list the city, station a time. Awards will be made at the June 22 meeting.

For all license classes the WSC Award worked son counties all modes authorized. There are about 3500 in t US. Work 'em all if you can. Date: June 11 through 1 Requirements: country, call and time. Awards at June meeting.

Bill / KB7CNN/R
146.04 / .64
444.75 pl 192.8
1292.2 Tiger Mt.
1292.4 Tacoma
Committee Chairman To Develo
Packet Program in W7DK

INTRODUCTION TO PACKET

INTRODUCTION TO PACKET RADIO - PART 3

- by Larry Kenney, WB9LOZ

In Part 2 I talked about how to get on the air and make your first QSO. Now let's take a look at some of the commands that are available in your TNC to help improve your station operation.

TNC COMMANDS: The TNC, or Terminal Node Controller, that "little black box" we've talked about in the past, has more than 100 different commands for you to use. You're able to customize your packet operating with these commands and turn on and off various features as you wish. Not all TNCs are exactly alike, but all have pretty much the same functions. I'll be using the commands used by the TNC2 and clones in my examples.

We covered a few of the commands previously: CONTROL C for entering command mode, MYCALL, MONITOR, CONNECT, and DISCONNECT. Now let's discuss a few that can change the way your station functions.

ECHO: This command tells the TNC whether or not it should send what you type back to the monitor screen. If you don't see anything when you type, set ECHO to ON. IIff yyoouu sseeee ddoouubbllee, like that, set ECHO to OFF. This setting will depend on how your particular computer system functions.

CONV (converse mode): Your TNC will automatically switch to this mode when you connect with someone, but you can also do it by entering CONV (CR) at the Cmd: prompt. When in converse mode, anything you type will be transmitted via the path you set with UNPROTO. (See the next paragraph.) Anyone in monitor mode will be able to read what you transmit. Packets in converse mode are sent only once and are not acknowledged, so there is no guarantee that they'll get through. This mode is used frequently for sending CQ's.

UNPROTO: This command designates the path used when in converse mode. The default is CQ, but you can enter a series of digipeaters if you wish, or a specific group or club name. Some examples: CQ v WB6SDS-2,W6SG-1,AJ7L SFARC v W6PW-1,W6PW-4Remember, you have to change UNPROTO for use on different frequencies, unless you leave it set simply to "CQ".

FRACK: This determines how long your TNC will wait for an acknowledgement before resending a packet. It shouldn't be set too short, or you simply clutter up the frequency, yet it shouldn't be too long, or you'll spend too much time waiting. I use FRACK set to 7, and have found that to be an overall good value.

DWAIT: Used to avoid collisions, DWAIT is the number of time units the TNC will wait after last hearing data on the channel before it transmits. I have DWAIT set to 16, and have found that to work well.

PACLEN: Determines the number of characters in your packets, ranging from 1 to 256. The more characters you send per packet, the longer it takes to transmit the information and the greater your chances are of noise, interference or another station wiping it out. I've found a PACLEN of 80, which is the length of one line, to be a good value. When working a station nearby, PACLEN can be increased. When working a distant station, it should be decreased.

RETRY: Your TNC will retransmit a packet if it doesn't receive an acknowledgement from the station you're working. RETRY indicates the number of times the TNC will try to get the packet through before giving up and disconnecting. This can be set from 1 to 15, but I've found 8 to 10 to work well. Less than that causes an unnecessary disconnect if the channel happens to be busy, but more than that clutters up the channel.

The following TNC commands affect the monitoring mode and what you see on the screen:

MONITOR: This must be ON for you to monitor anything. When ON, you see packets from other stations on the frequency you're tuned to. What packets you see is determined by other commands from the list below. If MONITOR is OFF, you see only packets sent to you while you're connected to another station.

Note: On some TNCs, such as the AEA PK-232, monitoring functions are selected by a number after the MONITOR command, such as MONITOR 3 or M 3. Refer to your TNC operating manual for details.

MALL: If MALL is ON, you receive packets from stations that are connected to other stations, as well as packets sent in unproto (unconnected) mode. This should be ON for "reading the mail". If MALL is OFF, you receive only packets sent in unproto mode by other stations.

MCOM: If ON, you see connect <C>, disconnect <D>, acknowledge <UA> and busy <DM> frames in addition to information packets. If OFF, only information packets are seen.

MCON: If ON, you see packets from other stations while you're connected to someone else. This can get very confusing, but is useful when your path is bad and you want to see if your packets are being digipeated okay. If OFF, the monitoring of other stations is stopped when you're connected to another station.

MRPT: If ON, you see a display of all the stations used as digipeaters along with the station originating the packet and the destination station. If OFF, you see only the originating and destination stations. For example, if you have MRPT ON, you might see a transmission such as this: K9AT>WB6QVU,W6PW-5: I'll be leaving for the meeting at about 7:30. If MRPT was OFF, the same transmission would look like this: K9AT>WB6QVU: I'll be leaving for the meeting at about 7:30.

In the first case, you can see that the W6PW-5 digipeater was being used. The asterick indicates which station you were hearing the packet from. In the second case you have no idea if digipeaters are being used or what station you were receiving.

HEADERLN: If you have this turned ON, the header of each packet is printed on a separate line from the text. If OFF, both the header and packet text are printed on the same line.

MSTAMP: Monitored packets show the date and the time the packet was received if MSTAMP is ON. If it's OFF, the date/time stamp is not shown. NOTE: The date and time must be entered using the DAYTIME command before the MSTAMP command will function.

I run my station with all of these commands, except MCON, turned ON so that I can really see what's happening on the frequency I'm monitoring. Try various combinations of these commands and then decide on the combination you like best for your station.

MORE COMMANDS - I'll discuss many of the other TNC commands available to you later on in this series.

INTRODUCTION TO PACKET RADIO - PART 4

- by Larry Kenney, WB9LOZ

USING DIGIPEATERS AND NODES:

DIGIPEATERS: Digipeater is the term we use to describe a packet radio digital repeater. Unlike the FM voice repeaters, most digipeaters operate on simplex and do not receive and transmit simultaneously. They receive the digital information, temporarily store it and then turn around and retransmit it.

Your TNC will allow you to enter up to eight digipeaters in your connect sequence, but using more than 3 usually means long waits, lots of repeated packets, and frequent disconnects, due to noise and other signals encountered on the frequency.

When entering the list of digipeaters in your connect sequence, you must make sure that you enter them in the exact order that your signal will use them. You must separate the calls by commas, without any spaces, and the **EXACT** callsigns must be used, including the SSID, if any. That means you need to know what digipeaters are out there before you begin randomly trying to connect to someone. Turn **MONITOR ON** and watch for the paths that other stations are using.

Here are some examples of proper connect sequences: C W6PW-3 v W6PW-1, C N6ZYX v WA6FSP-1, WB6LPZ-1 C W6ABY-4 v K6MYX,N2WLP-2,AB6XO. The "v" means via. In the first example the sequence shown means: Connect to W6PW-3 via W6PW-1.

Something to remember when using digipeaters is the difference between making a connection and sending information packets. If the path isn't all that good, you might be able to get a connect request through, but will have a difficult time with packets after that. The connect request is short so it has much less of a chance of being destroyed by noise or collisions than a packet containing information. Keeping information packets short can help keep retries down when the path is less than ideal.

NODES: Net/Rom, The Net, G8BPQ packet switch and KA-Node are names that refer to a device called a packet node, another means of connecting to other packet stations. Later on in this series you'll find a complete review of node operation, but for now we'll cover the basics so that you can begin using the node network. The difference you should note here is that you connect to a node rather than using it in a connect path as you do with a digipeater.

First, you need to determine what nodes are located close to you. You can do this by monitoring and watching for an ID or by watching to see what other stations in your area are using. You'll note that most nodes have an alias ID in addition to its callsign. Once you determine the callsign or alias of a local node, you connect to it the same way as you connect to any other packet station. You may use either the callsign or the alias to make the connection. For example, the node I operate has the alias ID of SF and the callsign of WB9LOZ-2, so you could connect to it using "C SF" or "C WB9LOZ-2". Either one will work.

When you connect to a node, your TNC automatically switches to converse mode, just like when you connect to any packet station. Anything you now type is sent to the node as a packet, and the node acknowledges each packet back to your TNC. For the remainder of your connection your TNC works only with this one node.

To use the node network to connect to another local station, you simply enter a connect request as though you were connecting direct from your TNC, such as WB9LOZ". You do this, however, while you **ARE S** **CONNECTED TO THE NODE.** The node will retransmit your connect request and you'll receive on two responses: "Connected to (callsign)" or "Failure (callsign)". Once you're connected you hold your QSO as if you had connected direct or via a digipeater. W you're finished, go to command mode on your TNC (Co C) and enter "D" (CR) and you will be discon- necked the node and the station you were working.

(NOTE: If the node you're using is a G8BPQ pa switch, it might have several frequency ports. You'll hav enter a port number between the C and the callsign in connect request to indicate the frequency you want to such as "C 2 WB9LOZ". Enter "PORTS" for a port list.)

When you're connected to a node enter "NOD <CR> and you'll receive a list of other nodes that you reach on the network from the node you're using. Y note that the node list will vary in length and in the calls li as you move from frequency to frequency, since frequencies are not linked together. The list gives bot alias ID and a callsign for each node. The alias ID c gives you a hint as to where the node is located, but always. To find out for sure where a node is located y need to get a copy of the descriptive node listings that available on most packet bulletin board systems. Th complete lists give the alias, callsign, location, frequency other information on each node in the network.

To connect to a station in another area using the n network you first must determine which node is closes the station you want to work. For demonstration purpo let's say we want to connect to N6ZYX. He's told you uses the the W6AMT-3 node, so you check the node list see that SFO3:W6AMT-3 is listed. **WHILE S** **CONNECTED TO YOUR LOCAL NODE** you first con to the distant node by sending a normal connect reques this case "C W6AMT-3". Your TNC will send this a packet to your local node and your local node acknowledge it. The network will then go to work for and find the best path between your local node and the you're trying to reach. You might have to be a little pat here, as it some times takes a few minutes for connection to be completed. You'll then see one of responses: "Connected to W6AMT-3" OR "Failure W6AMT-3". If it can't connect for some reason, try ag later. It could be that W6AMT-3 is temporarily off the ai the path has decayed and is no longer available. W going to be positive here and say we received the option.

Once you're connected to W6AMT-3, enter "C N6X Again, your TNC will send this as a packet to your lo node and the local node will acknowledge it and sen down the path to W6AMT-3. W6AMT-3 will then attemp connect to N6XYZ. Here again you'll get one of the responses:

"Connected to N6XYZ" OR "Failure with N6XYZ" you get connected, you hold your QSO just as you norm would, but there's one BIG difference your TNC is recei acknowledgements from your local node, and N6XY receiving acknowledgements from W6AMT-3. acknowl- edgements do not have to travel the er distance between the two end stations. Each node in path handles the acknowledgement with the next nod line. Because of this, retries are greatly reduced, and y packets get through much faster.

When you're finished with the QSO, you disconnect in the normal manner go to Command Mode on your TNC and enter "D" <CR>. The entire path will then disconnect automatically for you.

Nodes offer a variety of other features besides allowing you to connect to other stations, and we'll look at those in parts 10 and 11 of this series.

20 YEARS AGO - JUNE 1974

de W7BUN

Plans are underway for Field Day at Joe Asplund's (W7IG) airport near Eatonville. There will be seven stations this year and Chairmen are Bill, WA7SCN, and Nick, WA7IVO. Also, plans for Hamfair-74, which will be at the Pierce County Fairgrounds near Graham, are well under way with Dennis, W7UBA, as Chairman. Treasurer Rick, K7GGD (later K7MF), reported $1893.60 in the Club's treasury.

The FCC reported 42,000 interference complaints ast year; 3,600 were from CB, and only 400 involved amateur stations. Scotty, K7CYZ, announced that he is aking reservations for the club's annual fishing trip at Westport in July. Jerry, W7BUN, representative to the Puget Sound Council of Amateur Radio Clubs, reported there are now 17 clubs and 5 repeater groups in the Council. Dick Ryan, W7RGD, was awarded a certificate for "Ham of the Year" for the club. The club's speech processor project is well under way with almost 40 members working on their kits. At the Ladies' Auxiliary meeting, everyone worked on making bazaar items to ell at Hamfair. Kathy, WA7WMD, sent 40 messages in an hour and a half for the American Lake Veterans Hospital.

FOR SALE:

Heath SS-9000 solid state HF transceiver (factory built), with Shure 444D desk mic, and PS-9000 power supply/speaker. works well $550

Heathkit SB-221 HF 1500-watt linear amplifier. $500

Homemade 84 foot steel guyed crank-up tower (designed by an engineer and built by a certified welder), with electric winch, Hy Gain TH-5 tri-band beam, and Ham-M rotor. Buyer to take down (in West Tacoma) $500

Miscellaneous items: surge-protected outlet strips, 3-position coax switch make an offer

ME-26DU bench type multimeter - very nice unit - $20.

Jerry, W7BUN, 845-7652

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W5YI REPORT

Nation's Oldest Ham Radio Newsletter - Apr 15, 1994

[Editors Note: This article has been edited to save space.]

The most recent ham licensing figures indicate the renewals are picking up. Some 1,500 amateurs renewed their ham ticket in Jan. 1994, the first month after the beginning of the ten year term ham license back in 1984. Because of the change from a five to a ten year term, no renewals have been necessary by anyone since 1989.

As part of their new amateur service computer update, the FCC had planned to send out "renewal card" notices beginning in January. Licensees would only have to return the card to the FCC to routinely renew their ham ticket. The FCC program fell behind schedule, however, and the new computer and renewal program has yet to be implemented.

In January we tested a mail-out license expiration notification service notifying amateurs whose licenses were expiring. We asked for $ 4.00 to cover the notification and renewal service. We also clearly said in the mailing that the FCC does not charge to renew a ham ticket, and that the fee went to offset costs involved in operating the service. Based on the result of two test mailings we increased the fee to $ 5.00. [Many amateurs had handled their own renewals, and an extraordinary number of amateurs were either silent keys or had moved during the past ten years without sending the FCC an address change]. The W5YI service has been well received by the amateur community and compliments have been running about 100 to 1 in favor.

In March, the ARRL published a "Warning" in their QST League Lines column that A "commercial company is sending notices." Even though we checked the legality of offering this service with the FCC before the first test mailing, the QST "Warning" has been misinterpreted by some of it's readers as meaning inappropriate or worse.

In our last issue, we mentioned that the League's attorney Chris Imlay, N3AKD, had authored a petition for the American Red Cross which asked for 220-222 Mhz spectrum. ARRL Exec. VP Dave Sumner, K1ZZ contact us and requested that we clarify the fact that Imlay "is in private practice and is not an employee of the League; the League is but one of his clients." Dave Sumner felt that the "story leaves the impression that the League is somehow involved in the Red Cross Filing," which is not true.

I told Dave Sumner that I would clarify that issue and asked him to also issue a clarification on the temporary renewal program. Sumner said he ran the warning notice because of "member reaction," so I guess a further clarification will not be forthcoming. Sumner said the program should be dropped, which we plan to do, once the FCC has their renewal card program underway. We asked the FCC in Gettysburg when that would be, but they were not sure since they must get the "bugs" out of the other aspects of their system first.

Amateur Radio Exams in the Puget Sound Area as of May 25, 1994

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, Kirkland - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 10 AM - North Seattle Comm. College, Rm 3343, 9600 College Way N. - Contact Mike Mitchell, W7WHT, 282-1438, Seattle

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, Kent - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

2nd Tuesday - 6:30 PM - Everett - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd & 4th Thursdays - 7:00 PM - Ft. Lewis Radio Club - Contact John Steele, KG7RX, 491-4682, Olympia

2nd Saturday - 10 AM - Tukwila - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - Auburn - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - Ferndale - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - Renton - Good Neighbor Center, 305 S. 43rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - Sultan - 10 AM - Sultan Elementary School - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - Aberdeen - Pearsall Center, 2109 Sumner Ave - next session - Sept 17. Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - Stanwood - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - Everett - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - Marysville - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4th Saturday - 9:30 AM - Bremerton - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

June 18, Saturday, - 10 AM - Radio Club of Tacoma Clubhouse, 1249 So. Washington St, Tacoma - Contact Jerry Seligman, W7BUN, 845-7652, Puyallup

Semiannually - Saturday - 9 AM - Olympia - Olympia Center - 222 Columbia North - Contact John Steele, KG7RX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306-80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

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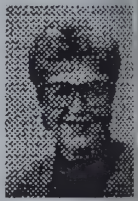

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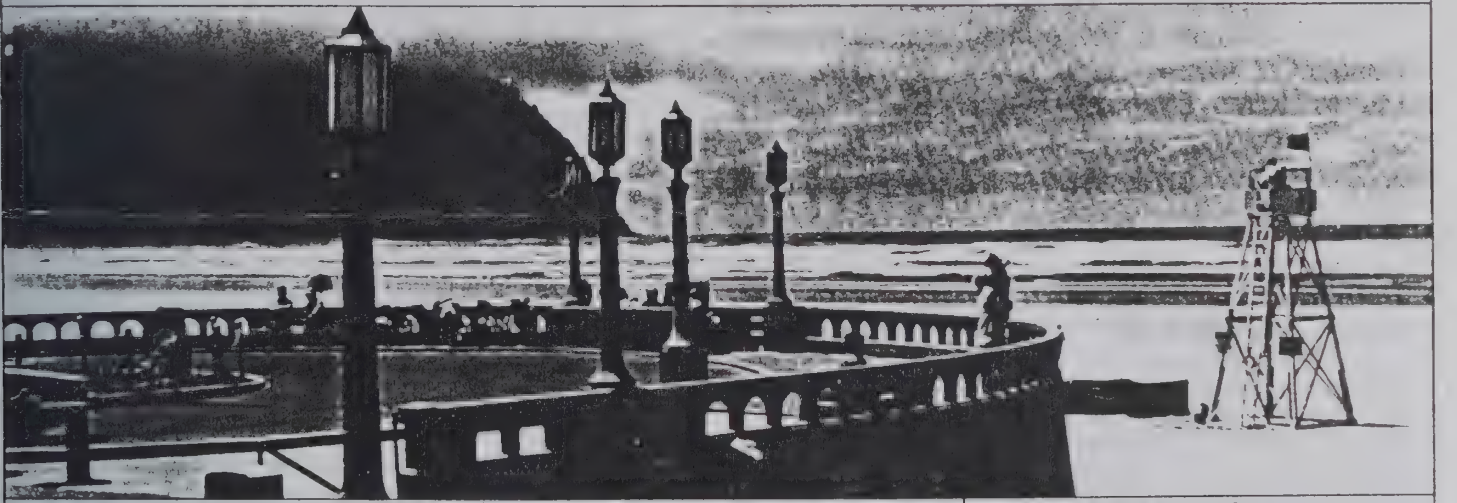


Highlights

Friday Night Bingo at Our Lady of Victory Catholic Church
see page 3

Ladies Activities
see page 2

F.A.R.S.-AEA CW Contest
see page 4

Seminars and Forums
see Page 6

VE Testing
see Page 5

Banquet

"A Tour of The Universe"
Jim Young, WB6FNI
Jet Propulsion Laboratories

Westlink Report
Young Ham of the Year Award

see page 6

Early Bird Awards

MFJ-207
HF SWR Analyzer

ICOM IC-2GXAT
VHF Handheld Transceiver

see page 7

ARRL Guests

Rosalie White, WA1STO
Educational Activities Manager

Ed Hare, KA1CV
RFI Expert

John Bloom, KE3Q
DSP Expert

Zack Lau, KH6CP/1
Project Building Expert

see page 6

Talk In

Talk-in Frequency
146.660(-600)

RADIO CLUB OF TACOMA MINUTES FOR REGULAR MEETING

APRIL 27, 1994

The meeting of the Radio Club of Tacoma was called to order at 7:35 P.M. by President Jim Kirkreit, K7YLM, with 88 members and 6 guests present. A quorum was present to conduct official business.

ANNOUNCEMENTS:

5/4/94 RCT Board Meeting RCT Clubhouse 7:30 PM.
5/8/94 Mother's Day Breakfast Clubhouse 8-11 AM.
5/9/94 All Class License Exams - RCT Clubhouse 6:00 PM
5/11/94 RCT Meeting 7:30 PM Library Center at 112th E & Waller Rd. "Traffic Handling" Harry Price, KB7JQM and Kathleen Nace, N0EYK.
5/14-15/94 Washington State Hamfest Yakima, Washington
5/18/94 AROWS Meeting RCT Clubhouse at 7:30 PM.
5/25/94 RCT Meeting 7:30 PM Library Center at 112th E & Waller RD. "Looking into Tomorrow's Technology" Stephen Lee, KC7AVB.
5/27/94 Lickem-stickem Bark Party RCT Clubhouse at 10:00 AM.
6/1/94 RCT Board Meeting RCT Clubhouse 7:30 PM.
6/4-5/94 Apple City Hamfest Wenatchee, WA.
6/4-5/94 SeaPac Ham Convention Seaside, OR.
6/8/94 RCT Meeting 7:30 PM Library Center at 112th E & Waller Rd. "Why We Need VHF/UHF Frequency Coordination" Jon Marcinko, W7FHZ.
6/18/94 All Class License Exams RCT Clubhouse 10:00 AM.
6/18/94 Field Day at Marymount in Parkland.
8/13/94 RCT Flea Market at Charles Wright Academy.

NEW CALLS AND UPGRADES:

Mike Horbul was KB7WSS and now is KI7YB.

HINTS & KINKS, TUNING AND TRAFFIC, ETC.: Jim, K7YLM, passed out a reprint, A great way to increase the band width of a cubical quad.

HEALTH & WELFARE: Tom, N7QHX, continues to improve but is still very weak.

TREASURER'S REPORT: by Jerry, W7BUN.

GENERAL FUND CHECKING	1,472.07
REPEATER/PACKET FUND CHECKING	1,069.54
FLEA MARKET CHECKING	955.13
MURPHY FAVRE SAVINGS	10,295.29
SCHOLARSHIP MEMORIAL CD	2,503.17
CASH ON HAND	0.00
TOTAL ALL ACCOUNTS	$16,295.20

MEMBERSHIP: There are 511 members as of this date for 1994.

MINUTES: Previous minutes were available at the front of the room.

PROGRAM: Jerry, W7BUN, led the program this evening on ***"Decibels (dB) and Antenna Gain***". He began with a discussion on decibels which included their uses and how to interpret the printed claims on antenna packaging. This discussion is a mere sampling of what Jerry has to offer in his Electronic Theory class, so if he offers to do it again next year it is well worth a person's time and energy to sign up for it. Hal Stahlhut, W7EC, presented graphic displays of where the gain occurs with an isotropic and a dipole antenna. An excellent discussion of decibels and antenna gain was given by Jerry and Hal. A great big THANK YOU to both of you for taking the time to prepare this program for the members.

AROWS: Marilyn, KB7PKH, President, of AROWS gave a brief report on the food preparation for "W7DK at the Beach" and thanked everyone for their help.

COMPUTER USER GROUP: David, WB7AUJ, passe around a sign-up sheet for those who may be interested an also passed out a sample survey for us to fill out to see if provided the information the group wanted from it.

FLEA MARKET: Alan, KB7SVU and Alan, N7EAY remind u that the Flea Market is August 13, 1994 and lots of volunteer are needed. There will be meetings for the workers at th RCT Clubhouse on June 16, 1994 and June 21, 1994 at 7:0 PM.

PACKET GROUP: Bill, KB7CNN, is going to be leading thi group and will be available after the meeting for those who ar interested and would like to let him know.

MOTHER'S DAY BREAKFAST: Rich, N7ANF, remind everyone of the breakfast and is asking for helpers.

FIELD DAY: No new information at this time. There will b station sign up sheets at the next meeting.

RACES/ARES: Shirley, N7QHW, on behalf of RACES/ARE expresses thanks and appreciation for those who have helpe out for the past events. Events still coming are the "Hike fo Hospice" on May 7, 1994, "Sound to Narrows" on June 11 1994, Old Soldiers' Home July 4 celebration and "Tour d Pierce" the second weekend in July.

CORRESPONDENCE: A bulletin was received from ARR about a "Digital Signal Processing(DSP) class to be held a the SEAPAC convention. Check the bulletin board at th clubhouse for further information on this.

BELT BUCKLE ENGRAVING: Jerry, W7BUN, had a sampl of the buckles and is asking if there is someone in the clu who would be interested in taking this business over for th club.

NEW MEMBER CERTIFICATES: New member certificate are available for Keith McIntire, KB7NVW; Brian Spindor KA7KUZ; Jonmarie Spindor; Calvin Crowe, KB7HJU; Car David, KB7WRC; John Gregoire, KB7WYQ; and Joe Hayes.

LOGGER CONTACTS : Endorsements were given to Ed KC7BAI; Tressie, KC7BAL; Al, K5EAF; and Alan, KB7SVU. Certificates were available for Phil Llapitan, N7QIC and Ved Puvogel, KC7BMP plus 4 endorsements and presented to Da Wold, KC7BMK plus 1 endorsement.

Please turn in all Logger Contact lists to Shirley N7QHW.

ADJOURNED: The meeting was adjourned at 9:10 PM.

Respectfully submitted
Shirley Murphy, N7QHW, Secretary RCT

RADIO CLUB OF TACOMA, INC. BOARD MEETING MINUTES

MAY 4, 1994

The Radio Club of Tacoma Board of Directors meeting was called to order at 7:30 PM by President Jim Kirkreit K7YLM. There were 8 board members and 9 guests present A quorum is present for conducting official business.

TREASURER'S REPORT by Jerry, W7BUN.

General Fund Checking	2070.90
Repeater/Packet Fund Checking	1,069.54
Flea Market Checking	955.13
Murphy Favre Savings	10,295.29
Scholarship Memorial CD	2,512.97
Cash on Hand	56.00
Total	$16,959.83

MINUTES: The minutes of the April 6, 1994 Board meeting were available.

MEMBERSHIP: Total members for 1994 as of today is 521.

CPA REPORT: Treasurer Jerry, W7BUN, reported on the meeting with Ray, W7KFN; Jerry, W7BUN and Ms. Kay Harvey CPA, of Dwyer, Pemberton & Coulson. A data ackage defining the Club's current accounting procedures nd other fiscal procedures had been reviewed and the ollowing was determined. The current accounting with Express Check" is adequate for the size of the Club. Non-ash donations must be added into the general fund income nd expenses to balance the books. Cash on hand could be etter handled at month end by filling out a deposit slip and ntering it into the accounts. Dues are 100% deductible. ield Training programs are OK so long as their support costs re kept down, they should be budgeted. Door prizes should e played down and a legal opinion on "lottery" aspects is robably required. The position on Un-Related business ncome included in the data package was correct; if the Club ets involved in any major activity, such as the belt buckle pportunity, legal advice and careful contract documentation s required. After she checked with Olympia, she determined hat we do not have to file an IRS Form 990EZ with the state, nly the Charitable Organization Form CHO-1 (which requires he same data as developed in completing IRS Form 990). olicitations require records and controls; our proposed eceipt form and the standard disclosure statement at the ottom is OK. She agreed that this Committee report record n the Board meeting minutes would serve as adequate vidence that we are proceeding based upon professional dvice in our accounting procedures. A copy of the data ackage will be provided to the Secretary for Club records.

Ray, W7KFN, reports that the 1993 Audit that was done vas approved by the accounting firm.

ONATION: Jerry, W7BUN reported that the RCT has eceived a check in the amount of $200 from James Hughes, PA, as a donation to the RCT. Jerry will send a thank you etter and a receipt for the donation.

IELD TRAINING SESSION: Jim, K7YLM, reports he has eceived donations of $40 to help pay for the rent of the space t 5 Mile Lake and asks the club to pay the $20 remaining for he rental fee for the space. Alan, N7EAY moved we support he training session by paying the remaining $20 of the rental ee. Seconded by Denny, KB7NAG. MOTION PASSED.

EPEATER, BBS CHANGES: Mac, W7MSR, suggests that he packet node be moved from his house to Jim's, K7YLM so here would be fewer traffic stops for the information and/or sers to go through when accessing the bulletin board. He lso felt it would be beneficial to relocate the 220 repeater to is home location so he can provide better support for it to get up and running in peak condition. Possible future changes vould be to relocate the 220 repeater to Spar Pole Hill and nove the 147.38 repeater to a new location in NE Tacoma ublic Utilities site. Several dominoes would need to fall into lace before any of this could take place. The first one would e to peruse the possibility of being able to place the 147.38 epeater on the Public Utilities site. Jerry, W7BUN, moved we eruse getting the authority to put the 147.38 repeater on the E Tacoma Public Utilities site. Seconded by Denny, B7NAG.

IELD DAY: Alan, N7EAY and Carl, KB7LIG will co-chair the ield Day event this year which occurs on June 25-26. The ite for Field Day this year will be at Marymount. Alan, 7EAY, reports that the gray generator is running. Jerry, V7BUN, suggested we look into the possibility of having etter 20 meter CW and phone antennas.

LEA MARKET: Al, KB7SVU is chair for the Flea Market this ear. Alan, N7EAY, discussed whether we should have door rizes this year. Alan, N7EAY, moved we not have door rizes but suggest to commercial tables that they have a box or people to put their names in and have a drawing at some ime during the flea market. Seconded by Jerry, W7BUN. MOTION PASSED WITH ONE ABSTAINING.

PACKET TRAINING STATION: Jim, K7YLM, reports that the radio for the station is now fixed and the station will soon be up and running. A location within the clubhouse is yet to be decided.

MOTHER'S DAY BREAKFAST: Rich, N7ANF, has organized this event and received new volunteers this evening so the breakfast can be done.

ACQUISITION OF ENGRAVING MACHINE: Jerry, W7BUN, moved we accept the donation of the "Belt Buckle Engraver" provided there are not restrictions or conditions we cannot live with. Seconded by Mac, W7MSR. MOTION PASSED. Kathleen, NØEYK, would like to volunteer to be the responsible and submitted a resumé of her qualifications and support for herself being selected as the responsible person for the engraving machine. (attached)

LONG/SHORT RANGE PLANNING COMMITTEE: Roger, K7AYC, provides the following information to the Board of Directors to review and be prepared to discuss next month.

MISSION STATEMENT: Submit plans to the board for continuously improving the level of community service, the quality of training, promoting the awareness of ham radio in the community, improve RCT's image, provide means for meeting our members expectations, and encourage membership in the RCT.

RECOMMENDATIONS:

1. Emergency Communications:

a] Establish a training organization dedicated to the enhancement of the emergency communications skills of the amateur radio operators in the Tacoma and Pierce County area.

b] Determine if the RCT should align itself with a emergency services group and facilitate the alignment if it is deemed necessary.

c] Provide emergency communications facilities at the clubhouse[or elsewhere].

2. Training:

a] Put together a committee to evaluate the current training program with respect to the needs of the community and the amateur radio operators in the community.

b] Put together a plan to implement the recommended improvements to the program.

ACQUISITION OF ENGRAVING MACHINE: Jerry, W7BUN, moved we accept the donation of the "Belt Buckle Engraver" provided there are not restrictions or conditions we cannot live with. Seconded by Mac, W7MSR. MOTION PASSED.

KEY POLICY: Shirley, N7QHW will be available at the clubhouse for exchanging keys on Saturday May 7,14 and 21 from 10-12 Noon. Locks are being changed this evening. There will be a Key Box located inside the clubhouse which certain persons will have access to for getting the keys to open the ham shack, museum, garage, etc. Since the keys will not be available for this lock until the 11th, the only changes now will be the front door key.

NAMES FOR ANSWERING ALARMS: Shirley, N7QHW, suggests we reconsider the listed names for the Alarm filing data. Currently there is Ralph Bush, N7HKS; Dick Ryan, W7RGD; and Ralph Fuller, KA7FIG. Alan Allen, N7EAY, and Ray, W7KFN are both willing to be on the list. Shirley will peruse getting a third person for the list.

MISCELLANEOUS: Jerry, W7BUN, reports that the Linear power plug was cracked and is now fixed and we can now get up to 1000 watts out. He also reported that the Drake radio has been sold for $725.

Kathleen, NØEYK, moved we accept the sample receipt form that Ray, W7KFN, did for donations at the end of the suggested donation policy. Seconded by Jerry, W7BUN. MOTION PASSED.

ADJOURNMENT: Meeting adjourned at 9:30 PM.

Respectfully submitted,
Shirley Murphy, N7QHW, Secretary, RCT

RADIO CLUB OF TACOMA
MINUTES FOR REGULAR MEETING
May 11, 1994

The meeting of the Radio Club of Tacoma was called to order at 7:35 P.M. by President Jim Kirkreit, K7YLM, with 71 members and 2 guests present. A quorum is present to conduct official business.

FIELD DAY: Alan, N7EAY, co-chair for Field Day is sending around a sign up sheet for stations and also set up and take down. Call him if you want to participate, he needs lots of help.

NEW CALLS AND UPGRADES:

NEW CALLS:	Ted, KC7CAX
UPGRADES:	Fred, N7UET Amateur Extra
	Bob, KI7HW Amateur Extra
	Norm Call Pending General Class

HINTS & KINKS, TUNING AND TRAFFIC, ETC. :Jim, K7YLM, passed out a reprint, "The Attic All Bander Antenna".

HEALTH & WELFARE: Tom, N7QHX, continues to improve and Kirk, W7GCI, is scheduled for surgery next week.

TREASURER'S REPORT: by Jerry, W7BUN.

GENERAL FUND CHECKING	2,040.20
REPEATER/PACKET FUND CHECKING	1,063.70
FLEA MARKET CHECKING	1,027.44
MURPHY FAVRE SAVINGS	10,295.29
SCHOLARSHIP MEMORIAL CD	2,512.97
CASH ON HAND	0.00
TOTAL ALL ACCOUNTS	$16,939.60

MEMBERSHIP: There are 521 members as of this date for 1994.

MINUTES: Previous minutes are available at the front of the room.

CONTESTS: Jim, K7YLM, presented awards to Dennis, KB7WFV, for first place in "Counties Four", Russell, KB7UXK, second place in "Counties Four" and Tom, KB7VOO, third place in "Counties Four". Ron, WA7UQV, won the Logger Contact award for most contacts in the month of April with 100 contacts.

PROGRAM: Harry Price, KB7JQM, presented "Traffic Handling" which included all anyone needs to know to become active on traffic nets. The handouts included a list of nets, frequencies, time and how often they occur. Kathleen, N0EYK, *presented **"Traffic Handling with Packet Radio"**.* A very good presentation was given by both Harry and Kathleen who each are articulate and knowledgeable on the subject. A big THANK YOU to both of them for taking the time and energy to present this program to the club. Overall, the group seemed to have a fairly high level of interest.

AROWS: Marilyn, KB7PKH, President of AROWS, thanked Bud, N7FQR, for always being here to make the coffee for the meetings. She also reminds us of the coming "Father's Day Breakfast".

SUPER SPLASH FIELD TRAINING SESSION: Bud, KC7AVT, is encouraging all to attend the function at 5 Mile Lake on May 21, 1994. There will be lots of learning and antenna erecting, etc. and good food in the potluck.

FLEA MARKET: Alan, N7EAY remind us that the Flea Market is August 13, 1994 and lots of volunteers are needed. There will be meetings f the workers at the RCT Clubhouse on June 16, 1994 and Ju 21, 1994 at 7:00 PM.

PACKET GROUP: There will be a meeting of tho interested in packet tomorrow evening at the clubhouse.

MOTHER'S DAY BREAKFAST: Rich, N7ANF, extends heartfelt thanks to all those who helped cook and cleanup f the breakfast.

LONG RANGE PLANNING COMMITTEE: Roger, K7AY reported the committee has met twice now and h accomplished the following:

MISSION STATEMENT: Submit plans to the board f continuously improving the level of community service, t quality of training, promoting the awareness of ham radio the community, improve RCT's image, provide means f meeting our members expectations, and encoura membership in the RCT.

RECOMMENDATIONS:

1. Emergency Communications:

a] Establish a training organization dedicated to t enhancement of the emergency communications skills of t amateur radio operators in the Tacoma/Pierce County area.

b] Determine if the RCT should align itself with emergency services group and facilitate the alignment if it deemed necessary.

c] Provide emergency communications facilities the clubhouse[or elsewhere].

2. Training:

a] Put together a committee to evaluate the curre training program with respect to the needs of the communi and the amateur radio operators in the community.

b] Put together a plan to implement th recommended improvements to the program.

Jerry, W7BUN, would like to know from the group prese how many would be interested and willing to provide suppo by staffing the radio station if the club is an OFFICIA EMERGENCY STATION. The response from the group overwhelmingly positive.

RACES/ARES: Shirley, N7QHW, announced that the ne RACES RADIO OFFICER for Pierce County is Tom Stanle KB7VOO. Events still coming are the **"Sound to Narrows** on June 11, 1994, Old Soldiers' Home July 4 celebration an "Tour de Pierce" the second weekend in July. There will als be a Statewide Communication Exercise occurring on Jun 3,4,5, and 6, 1994. Details are sketchy at this point.

MISCELLANEOUS: Jim, K7YLM, reported that some futur happenings that were discussed at the Board of Director included movement of the Packet Node to his house, possibl moving of the 220 repeater to Mac's house and eventually t Spar Pole and the 147.38 repeater to a tower on City Wate Site near Federal Way. All of these movements ar dependent upon many factors so most of this would be a lon time in happening.

MARS: Lee, W6PZF, spoke briefly about traffic on MAR and expressed the need for more operators here in th Tacoma area. A program will be done by Lee in the future t explain more about MARS.

NEW MEMBER CERTIFICATES: New member certificate are available for David Hastings, KC7BHP; Fran LeRoy; Her LeRoy, KA7NBC; and Charlie Larsen.

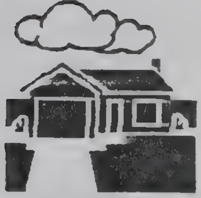
LOGGER CONTACTS : Endorsements were given t Tressie, KC7BAL; Russell, KB7UXK; and Jerry, K7ETU. Certificate is available for Zach Pradel, KC7AZO, plus endorsements.

ADJOURNED: The meeting was adjourned at 9:50 PM.

Respectfully submitted
Shirley Murphy, N7QHW, Secretary RCT

June 1994

W7DK EVENTS



SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1 Board Meeting Club House 7:30 pm. # ROY - WA7UZL	2 #'RANDY'-W7HTU	3 #LUCILLE-N7LXJ	4 Sea-Pac HAM CONVENTION -SEASIDE, OR APPLE CITY Hamfest - WENATCHEE PINOCHLE POTLUCK Clubhouse 7pm # DIANA-WA7BLF # JOE HAYES #'JIM'- KB7WFX
5 SEA-PAC HAM CONVENTION - SEASIDE, OR APPLE CITY HAMFEST - WENATCHEE #JOHN KB7OMU	6	7 147.28 NET 7:30 PM ---------------- # 'JIM' N7UFH # 'BOB' KB7OSS	8 W7DK MEETING Library 112 St.E.& WALLER RD. 7:30pm #'MIKE' AA7KN #'DAVE'-KC7BHP	9 #'AL'-KA7BIY #'CAL'- KB7HJU	10 # CARL-KB7YYL	11
12 # JOE DUNCAN #'DAVE' N7WGM #'JEFF'N7SSN	13 # ANGELA-KC7EQ # DAN KB7UXE	14 147.28 NET 7:30 PM ---------------- Flag Day #'TOM'- N7QHX # BRAD - N7YFN	15 *ARROWS MEETING-NCO Club McChord - 6:30pm* # DAVE- KI7QL	16 #'MIKE'-KB7PSQ # ROGER-KB7UGA	17 #MICHAEL N7STE # PAUL - N7WGU # JONI LITTLE	18 *LICENSE EXAMS -Clubhouse 10am* All-Asian DX Contest
19 All-Asian DX Contest Father's Day #BRIAN TERJESON	20 *LOGGER'S BARK "DEADLINE"* # BEN -K6VBC # PHIL - N7YFI	21 147.28 NET 7:30 PM ---------------- MVWS VE TESTS # ROGER -K7AYC # ROY -N7ARO #'DAVE'-N7PKG #'JAN'- KB7UXO # DANA - N7NRF Summer begins	22 W7DK MEETING LIBRARY 112 St.E. & WALLER RD. 7:30pm #MELODY ANN M. # HOLLY -N7YFC	23 # MARK -KC7ACO	24 #SHIRLEY-N7QHW # BRENT KB7UXL	25 *FIELD DAY* # GRACE -AD7S #'JOE' - N7WGY #'ED'- N7NCH
26 *FIELD DAY*	27 LADY'S PINOCHLE CLUB-HOUSE NOON #'LARRY'WA7QEW # PETER-KC7JA #'JACK'- N7WOI #'NORM' HOPPE	28 147.28 NET 7:30 PM ---------------- # RANDY -N7HNX	29 ARES MEETING Clubhouse 7:30 #'BENJI'-N7EDR # JOHN - N7ZLH	30 #'DAVE'-KA7CMZ # CAL -W7SFT # BRIAN-KB7SPR		

May

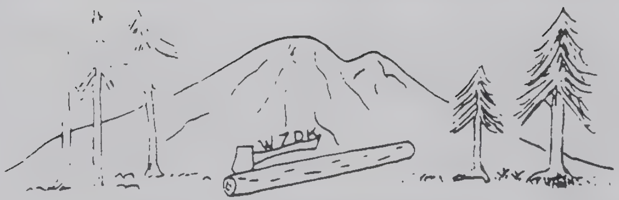
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

July

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Happy Birthday!

RADIO CLUB OF TACOMA 1916 1991
DIAMOND JUBILEE 75th W7DK

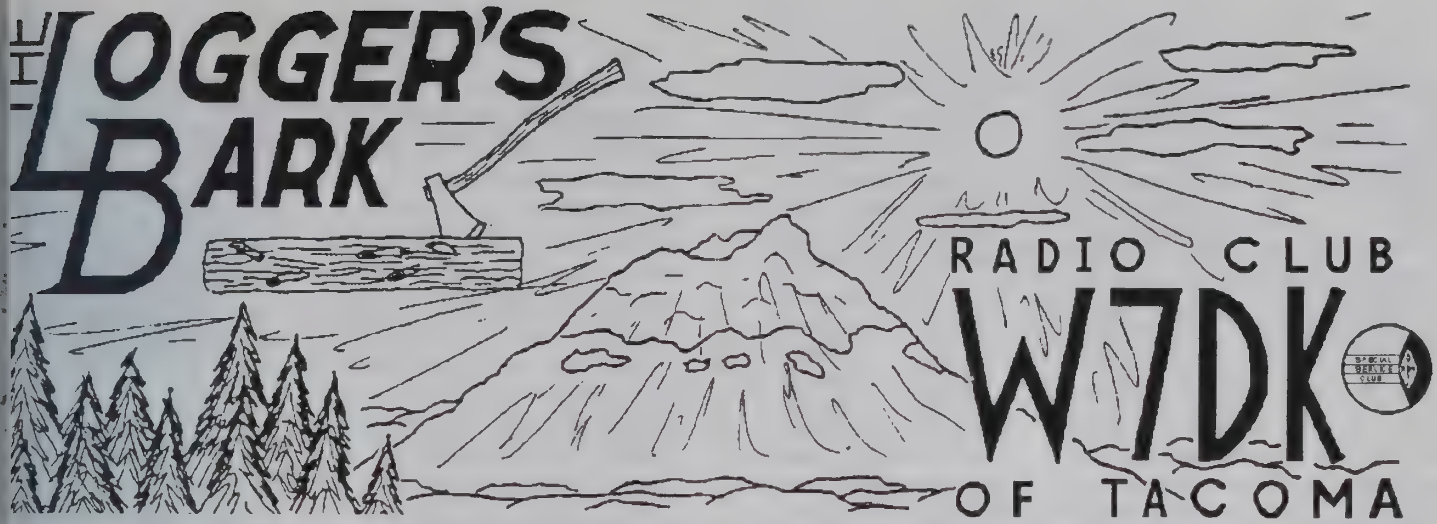


THE LOGGERS BARK

RADIO CLUB OF TACOMA, INC.
PO BOX 11188
TACOMA, WA 98411

NONPROFIT ORG.
U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

ADDRESS CORRECTION REQUESTED



THE LOGGER'S BARK

RADIO CLUB W7DK OF TACOMA

OL. XXXI NR.7 W7DK JULY 1994

FROM THE PRESIDENT

by Jim K7YLM

THE VIEW...I looked back over my first six months as President to see what we have done. Wow! What a fantastic trip we have had. Learning theory and code, a new women's organization, our tower assistance group, the awards banquet, two on-the-air contests each month, training sessions at Owen Beach and Five Mile Lake, the new HF stion and antenna, hands-on building of electronic pojects, Mothers and Fathers Day breakfasts, super iprovement to our *Loggers Bark*, start up of on-the-air atique wireless, card playing, RCT participation in eergency services, packet training and much, much ore.

What can I say but how very proud I am of all of you f your participation and support. It is my firm belief that h your spirit and attitude we can do anything.

Where do we go from here? The best thing about a cb as large as ours is that you want to do everything. You ve given me some really great ideas. Can we put these ieas into practice? You know we can and will.

Here are a few things on the schedule for the next six onths: packet training every Saturday at the clubhouse. I addition, a program will be presented at the clubhouse eery Saturday on a subject of interest to membership, i.e. sdering coax connectors, HF DXing, HF contesting, atenna construction, QRP operation, CW receiving and sding tips and any project you would like. If you want it, will do it. We will have antique wireless operation on a ctinuous basis.

With your help and guidance, we will continue our avanced planning group. When a goal is finalized, we will pt it in operation. Our repeaters and our digital systems l be improved. QRP (low power transmission) activities l be increased, and there will be more prizes too!

(cont'd on page 6)

169405 ? 373

COMING EVENTS

JUL 6 - Board of Directors meeting 7:30 PM at the Clubhouse - all members are invited.

JUL 9-10 - IARU World Championship Contest - see April QST

JUL 13 - Club Meeting Library Center 112th & Waller Rd. - 7:30 PM - **Program*: "KG7HB's Trip to Poland."*** - Frank Billington will tell about his two month visit to Debno, Poland, including getting licensed, meeting very friendly hams, and operating there.

JUL 20 - AROWS Salad Potluck/Meeting 6:30 PM Clubhouse. July 21 — Flea Mkt

JUL 25 - Ladies Pinochle 12 PM Clubhouse

JUL 27 - Club Meeting Library Center 112th & Waller Rd. - 7:30 PM - **Program: *"QRP Operating."*** - QRP means low power, and many hams are involved in the challenge of making contacts with just a few watts or even milliwatts. - Stan Warburton, N7KMF, is a member of the Northwest QRP Club and he will explain QRP and how to get involved in "low power" activities.

JUL 29 - Shirley's lickum stickum Party 10: AM at the Clubhouse. Aug 12 ~~Aug. 12 [illegible] Free [illegible]~~

AUG 13 - RCT Flea Market new site: Charles Wright Academy.

AUG 13 - RCT Flea Market - **License Exams 10 AM**

AUG 28 - RCT's 78th Anniversary Celebration, Potluck, Picnic, and Training Session at McChord AFB Holiday Park - watch for full details of this special event in the August Bark.

PACKET

Hey Gang! If you are interested in packet radio, if you have your own packet station, want to learn what it is, or want to help with the W7DK packet program, come on out to the clubhouse at 1249 S. Washington St. at 7:30pm on Thursday, July 14, 1994.

Packet is truly a "state of the art" program. Give us your ideas and we will put them into operation.

To get started costs very little and has super rewards. It could be the best thing you have ever done.

See u there! **Jim K7YLM**

Packet July 14

RADIO CLUB OF TACOMA
1994

PRESIDENT	JIM KIRKREIT	K7YLM	927-7825
V PRESIDENT	ALAN ALLEN	N7EAY	475-7413
SECRETARY	SHIRLEY MURPHY	N7QHW	265-3661
TREASURER	JERRY SELIGMAN	W7BUN	845-7652
BOARD (4)	DENNY FIELD	KB7NAG	NONE
	RICH MANSON	N7ANF	474-8883
	JOHN McALLISTER	W7MSR	952-7388
	KATHLEEN NACE	NØEYK	862-8635
LOGGER'S BARK STAFF			
EDITOR	RALPH FULLER	KA7FIG	582-5841
REPORTERS	JERRY SELIGMAN	W7BUN	845-7652
	SHIRLEY MURPHY	N7QHW	265-3661
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	DICK RYAN	W7RGD	627 0922
	MARILYN OLSON	KB7PKH	845-8346
	BILL BOYLE	KB7CNN	588-7763
PHOTOGRAPHERS	BILL BROWN	N7TEQ	582-9439
	MIKE HAZELMYER	KB7VNT	471-1545
COMPOSITOR	"NICK" OLSON	N7BCV	536-8940
PUBLISHER	W7DK PRESS	N7QHW	265-3661

****

CLUB MEETINGS

7:30 pm
Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411. 206 / 759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Mail all articles and advertising to Ralph Fuller, KA7FIG, 8208 Southway SW. Tacoma, WA. 98498. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO ***THE LOGGER'S BARK***, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/ Radio Club of Tacoma

147.88 / .28 MHz   144.97 - Packet
147.98 / .38 MHz   441.00 - Packet
224.52 MHz

NEW MEMBERS as of June 20, 1994

RANDY TREIT, KC7AVA   RCT#1740
1516 106TH AVE. CT. E.
PUYALLUP, WA 98372   952-6089

DOUG A. STEARNS, KC7AZU,   RCT # 1741
23416 35TH AVE. CT. E.
SPANAWAY, WA 98387   846-1812

Archie Van Valkenburg, call pending   RCT #1742
9801 192ND AVE. E.
BONNEY LAKE, WA 98390   862-1356

JAMES P. HALLIBURTON, call pending   RCT# 1743
DONNA P. HALLIBURTON, call pending   RCT# 1744
603 GOVE ST.
STEILACOOM, WA 98388   588-1215

FRED LLOYD, WA7SJD   RCT# 1745
1380 WALTON WAY
WOODBURN, OR 97071   503-982-7098

LAURA NELSON, KC7CQU   RCT #1746
17021 SPANAWAY LANE E.
SPANAWAY, WA 98387   536-6954

ADDRESS CHANGES:

MARION O'NEAL, WV7Z
816 S. 216TH ST. - ROOM 430-32-T
DES MOINES, WA 98198   870-8430

JOHN GREGOIRE, KB7WYQ
1330 E. 64TH ST.
TACOMA, WA 98404   475-3392

MARK RHODEN, KB7PKD
5702 60TH ST. W.
TACOMA, WA 98467

CARL BRENNEISE, KB7YYL
31224 20TH AVE. S. APT D104
FEDERAL WAY, WA 98003

GORDON CARPENTER, KB7OIM
P.O.BOX 183
SPARTA, WI 54656-0183

RICK LETT, KN6LD
2899 E. SUNLIGHT DR.
CLINTON, WA 98236-9005

REINSTATEMENT:

LARRY KIRKEGAARD, KC7YT   RCT# 951
5807 McGHEE ST.
TACOMA, WA 98404   475-6603

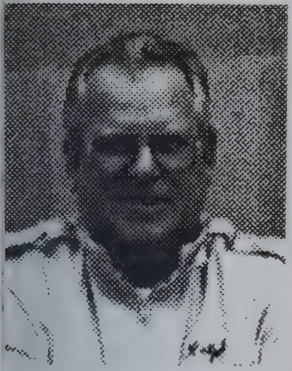
NEW CALLS:

KARL MARSH (EX-KB7YOH) KI7XY
BILL HALL (EX-KB7SWX) KI7YK
JOE HAYES - KC7CBO

CORRECTIONS AND ADDITIONS:

DANNY HERMASILLO - APT 302 - PHONE 593-0356
BRIAN SPINDOR, KA7KUZ -
street address: 3922 No Defiance Street
ZACH PRADEL - KC7AZO
TAM PRADEL - KC7BAC
BEN RASNICK K6VBC - PHONE 922-1370

The Editor's Logpile



Now that Field Day '94 is behind us, some of you might wonder just why did we bust our butts cranking up towers, only to tear them down twenty-four hours later? Why did we string all that cable and then stay up all night searching the amateur spectrum praying for that elusive contact? Have we really ever had an emergency vhere the big antennas and the powerful HF radios aved the day? Well maybe not exactly. Many of us ave been involved at various times with handhelds, nobiles and from our ham shacks serving the public velfare in passing emergency traffic information locally, round the country and working the hot spots of the vorld.

In the spring of 1989 the Trimble Navigation ompany with the Corp Of Army Engineers and the ederal Park Service decided they would measure Mt. ainier. Maybe the Corp thought they really ought to now how high the mountain actually was before it blew, reating a schism in Trivial Pursuit. Besides, it has een 14,410 ft since man has kept a scientific record.

With all its might, space age technology and the will get the job done, the Feds couldn't communicate. he first problem was one of frequencies. None of the overnment agencies could talk to each other, let alone tra-agency communications. Trimble Navigation anted to place transponders on known metes and ounds marker sites, some times known as brass heads, anted to measure the state by township, ranges and ections. Unfortunately there was a fourteen thousand lus foot mountain right in the middle and that screwed p everything. Believe me the Park Rangers did not ant to admit to the world that they couldn't talk around eir mountain.

Secondly, Trimble had to be able to coordinate each te at specific times to coordinate transponders with nown satellites to get an exact measurement by ouncing a signal off of several satellites and measuring e elapsed time.

Thirdly, some bureaucrats had to bite the bullet and sk for help. The Ft. Lewis Corp of Engineers was well ware of the capabilities of RCT and the ARES oordinator Dick Draper, WN7F. Dick had a better ouse trap called eighty meters. After several days of ying to use the repeaters in the area, like Mission idge, Rattle Snake, Bawfaw, Sisters, Tiger Mountain, rass Mountain and even Tacoma, UHF and VHF were cuttled. Instead, Dick favored the ground waves of the g HF stuff the **Radio Club of Tacoma** had been weating over at Field Day for the past seventy-three ears. ARES in those days was manned by the **Radio lub of Tacoma**.

There were several sites outside of Mt. Rainier ational Park. However, you can spend a beautiful day aveling inside the Park around the mountain to see some of these sites. The first site was just inside the Nisqually entrance, Narada Falls, Paradise, the top of the mountain, Stevens Canyon, Stevens Canyon entrance, White River entrance, White River, Sunrise and many other places in between.

The Rangers, bless their collective souls said, "Don't step on the grass, or hurt the trees but don't block the road ways either." Long wires, bazookas and every other name for a dipole were strung through the trees, launched by a rock on a string or a bow and arrow. What ever it took to get on the air, was the mode of the day.

That week in July was hot, in the high nineties, unless you were in a blizzard on Columbia Crest freezing your fanny. Two college ladies working as Rangers for the summer, on leave from Yellowstone to climb the mountain, came down from the summit half frozen. Their first request upon coming to the parking lot was to have their pictures taken holding Rainier beer bottles sitting on the tail gate of their pick-up.

The temperature in the Paradise parking lot for those five days was well over one hundred degrees which meant the longer you stayed in your car with the air conditioner on wide open, the better the chance you had to remain there permanently stuck to the pavement.

I spent five glorious days cruising the Park on my old Gold Wing with saddle bags filled with cold drinks and sandwiches for the Feds and Trimble guys. Our troops sort of had to fend for themselves, raiding my larder from time to time.

Well it was a major cooperative effort and yes we got the job done, transceiver tubes and all. Mt. Rainier will be forever 14,411.11 feet unless the Corp tries again and the transistors don't fail. **TIMBER**

Pinochle /Potluck Takes a Summer Vacation

The regular monthly Saturday Pinochle/Potluck will begin again in the fall Saturday night September 3rd for the 1994-1995 season.

June 4th ended the '93-'94 with a tournament. Marion Stall and Julian Whaley, W7DXI won the $15 each cash prize for the best six scores of the ten possible months.

I hope more of you will come out and play with us in the fall. We've lost a few regulars and would welcome some new faces.

Ladies Pinochle the 4th Mondays of the month will continue during the summer. We start playing at noon at the Clubhouse. Bring a sandwich, we're through by 3 pm. **Ethel, W7WLX**

CONTEST FOR JULY

The ham radio community has really adopted the 10-10 program. Many of our club members have 10-10 numbers and have been having a great time contacting other 10-10 members throughout the country. This month, contest awards will be presented for the maximum number of 10-10 contacts by a tech and also the maximum number of 10-10 numbers by a general and above. For additional information call N7QOZ, Bob Crelling, at 272-7819

NEWS FROM ARRL AND WESTLINK REPORT

de W7BUN

In a response to a request from the ARRL and inquiries from others, the FCC has clarified new rules that went into effect on June 1, 1994. The new rules do not remove the restriction against automatic control of digital and RTTY transmitting below 50 MHz. The new rules relax the Amateur Service rules regarding the responsibility for the content of messages on high-speed digital networks. The Commission amended Section 97.109(e) to allow a forwarding station in a message forwarding system to be automatically controlled while transmitting third-party communications. Section 97.109(d) was not amended and this still limits automatic control of stations transmitting RTTY or digital emissions to frequencies above 50 MHz. The FCC currently has two petitions under consideration that address this subject.

Robert Wilber, N4GCK, one of the operators on last February's DXpedition to Peter I Island (3Y0PI), has pleaded guilty to bank fraud and mail theft, according to a report in the "Ann Arbor News." Wilber took checks totaling $113,000 from the mailbox of a University of Michigan professor and cashed them. Wilber, 35, of Ypsilanti, Michigan, avoided arrest long enough to join the expedition to Peter I. He surrendered upon his return, having spent all the stolen money.

Westlink Report has named 15-year-old Allison D. Zettwoch, KD4CKP, its 1994 Young Ham of the Year. Allison lives in Louisville, Kentucky. She has taught amateur radio classes, is a regular net control on a local traffic net, has been very active during her club's Field Day, maintains a 4.0 grade average, and is working on obtaining a private pilot's license. Allison, who holds an Advanced Class license, received her award June 4 at the Sea-Pac Convention in Seaside, Oregon. Her father is KR4IF, and got interested in ham radio after his daughter got licensed.

Expirations of the first 10-year amateur licenses, issued in 1984, continue to take their toll. In March the FCC "deleted" 3744 station licenses while adding only 3010. When the budget permits and the new computer system is running, the FCC plans to send out renewal notices to amateurs with licenses about to expire. There is also a new FCC Form 610-R in the works which will be used for license renewal only. Currently, new licenses and renewals are taking 16 to 18 weeks.

As of May 20, Japan has a new subband, from 3747 to 3754 kHz, in addition to the two existing bands at 3500 to 3575 kHz and 3791 to 3805 kHz. This should be good news for 80-meter DXers.

3750

Space Shuttle mission STS-65 is scheduled for a July 8 launch with Mission Specialist Donald A. Thomas, KC5FVF, in charge of SAREX activity. The crew will use separate receive and transmit frequencies. Please do not transmit on the shuttle's downlink frequencies. Voice downlink (worldwide): 145.55 MHz. Voice uplink: 144.91, 144.93, 144.95, 144.97, and 144.99 MHz Packet downlink: 145.55 MHz. Packet uplink: 144.4 MHz.

The FCC has denied petitions asking for rul changes to allow amateur to retransmit governmer broadcasts such as time signals, and for elimination c the Advanced and Extra classes of license.

Stu Meyer, W2GHK, died May 21 in Virginia Meyer, 76, was past president of the Hammarlund Cor and also had worked for E.F.Johnson Co. Anothe recent death was that of Joseph M. Mergen, N9GI retired president of Piper Aircraft Corp. He held 1 patents in aircraft design. Geoff Watts never held transmitting license, but he was one of the most famou of DXers. Watts, 75, died in England in May. H founded the Islands on the Air (IOTA) award in 1964.

A plan to reduce CW requirements is bein formulated by amateur radio equipment manufacturers The Amateur Radio Industry Association will b petitioning FCC to reduce the CW requirements from 1 w.p.m. to 10 w.p.m. The group wants easier licensin requirements for access to HF frequencies.

Beginning in July, QST Magazine will be availabl for sale at newsstands nationwide. The newsstan version will have a different cover with teasers for th stories inside. Radio stores will continue to have th traditional cover, the same as ARRL members receive.

Lionel Edwards, VE7BQH, has earned the fourt 144 MHz DXCC award. His 336-element co-linear arra has a gain of 23.7 dBd, about 5 dB less than others th have reached this exalted level of VHF DXing (so fa W5UN, KB8RQ, and SM7BAE). The array is rotatabl in the Z axis (polarization) as well as the normal X and axis (azimuth and elevation).

REPEATER AUTOPATCH ACCESS CODE TO CHANGE JULY 1

RCT members call Jerry, W7BUN, 845-765 or Shirley, N7QHW, 265-3661, for the new access code.

FOR SALE:

Heath SS-9000 solid state HF transceiver (factory buil with Shure 444D desk mic, and PS-9000 pow supply/speaker. $400 or best offer.

Heathkit SB-221 HF 1500-watt linear amplifier. $400 best offer.

Surge-protected outlet strips. $7.50 each

ME-26DU bench type multimeter - very nice unit - $20.

Jerry, W7BUN, 845-7652 box it

SCHOLARSHIPS - FAR

(The Foundation for Amateur Radio) administers scholarships for young people in amateur radio. Sever are worth $1000. Young traffic handlers who wish to app should write Joseph Seasely, KA3USI, Secretary of FA 2817 Roselawn, Baltimore, MD 21214, for mo information. (Reprinted from *"World Radio"* July, 19 issue.)

C
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A S

NET CONTROL STATION OPERATION

NCS

When I first became involved with RACES/ARES, I was given the following information relating to expected behavior on nets for emergency purposes. Some of the information may also be helpful in any situation. Hopefully it will be of help to many of you who may read this article.

- At net opening, state the net's parameters. "This is a directed net called for the purpose of..."etc.
- Stations ALWAYS go through NCS to make calls unless otherwise permitted.
- Avoid the use of "Q" signals on voice nets.
- Keep background noise down in the communi-cations center.
- Use a notepad for data tracking.
- Remain calm to project an air of confidence to all operators.
- Radio-check field operators during slack time.
- Field operators must call when they will be away from their radios and call when returned.
- If in error, ADMIT IT.
- The key word in the phrase "Net Control Station" is CONTROL.
- Always respond to a transmission.
- Never tailgate transmissions.
- Omit "personalizations. The mission is your priority.
- Never say "BREAK". Use your ham call or tactical call, whichever is appropriate for your current circumstances.
- Transmit messages slowly enough to be easily copied when writing is required.
- Use the phonetic alphabet when spelling is required.
- Encourage all to SPEAK CLEARLY.
- Never shout into the microphone.
- Assign back-up frequencies.
- Make all net frequencies known,
- Instruct members to automatically move to back-up frequency if needed.
- Assign a pro word for Emergencies.
- Follow up on promises made.
- Be careful who you ask to stand by when two stations call at once.
- NEVER ASSUME ANYTHING.
- DON'T WASTE WORDS.
- In other words, use common sense, be diplomatic, and THINK.
- At net closure, be sure to thank all members for their efforts.
- Remember, many non-hams may be watching how we work.

EMERGENCY PREPAREDNESS TIP OF THE MONTH

STORING WATER: There is new information on how best to store your drinking water and then later assuring it is safe to drink. It is suggested that straight water from the tap which is kept in a closed container such as a 2 liter Coca Cola bottle does not need to have any purifier added when it is stored. When you need to use the water, it should be purified. The only thing that should be used to purify the water is ordinary household bleach which states sodium hypochlorite on the label and no perfumes have been added such as lemon scented. The use of water purification tablets is not the recommended form for purifying water for drinking purposes. To be sure the amount is not exceeded, it is recommended that an eyedropper be used. After adding the bleach, stir the water and wait 30 minutes.

Amount of Water	Amount of Bleach **Clear Water**	Amount of Bleach **Cloudy Water**
1 quart	2 drops	4 drops
1 gallon	8 drops	16 drops
5 gallons	½ tsp.	1 tsp.

Hope this has been helpful for you. Remember if you wish to become active with the RACES/ARES group, applications are available at Radio Club meetings or give me a call and I will mail an application.

73 Shirley, N7QHW

VE TESTING

The Maple Valley Wireless Society will conduct an all License examination the Third Tuesday of each month, and shall begin 7pm, promptly at the Auburn Fire Station located at 1101 "D" Street NE, Auburn WA
Should you like more information on how you might participate, call **Bill / W7GBC**, 584-1086, or **Ralph / KA7FIG**, 582-5841.

Walk-ins are always welcome.

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W7DK regrets to report the passing of
Donald O'Keeffe RCT# 1712
No additional information available

(From the President - cont'd from page 1)

On August 28, **W7DK At The Airfield** will be one of our biggest events ever. You're going to love this one. In addition, our SIG (special interest groups) program is about to take off, i.e. bowling teams, RCT phone info line, packet bulletin board info line, computer training, travel, fishing, golf, the start of a new member assistance team and any and all club oriented ideas. CW training on the air on a continuous basis is being planned. The first ever Radio Club of Tacoma Digital Communications Seminar. Ham radio public awareness at malls, parks and schools. RCT will demo HF phone, code, VHF operations and packet.

How can we do these things? We are one of the biggest ham radio clubs in the country. We have the talent and the skills. We have the energy and enthusiasm but above all we have that positive attitude which will allow us to do anything and do it well. **Help us be a part of everything!**

20 YEARS AGO - JULY 1974

de W7BUN

Scotty, K7CYZ, is taking reservations for the upcoming weekend at Greta Warburton's place at Westport. It will cost $23.50 for those that want to go salmon fishing on the 42- foot charter boat, "Tootsie." Other club events coming soon are Hamfair-74 at the Pierce County Fairgrounds in August, and the Stillaguamish River campout in September.

The FCC, in an attempt to provide better service, will experiment with conducting amateur radio license exams at Civil Service offices at five locations around the state. License exams are normally given at the Seattle FCC field office only on Fridays at 8:45 AM. Roy Devish, W7AZI, chairman of the Club's Blood Bank account, announced that our account is down to one pint due to a need by a club member. He urged everyone to donate. Roy also reported that 80 people attended the Mother's Day breakfast at the clubhouse.

The Paper Committee sold 2080 pounds of scrap newspaper for $34.34. The five-year contest between RCT and the Boeing Employees Amateur Radio Society (BEARS) for Sweepstakes scores is over; the BEARS have permanently received the CW trophy and RCT the phone trophy. It was reported that Dick Hazelmyer's car was stolen and he got it back minus the keys. In an unrelated item, son Mike Hazelmyer pedaled his bicycle from Issaquah to Spokane (it's not reported why he would expend all that energy).

Two interesting ads in the July, 1974 Bark: one is from ABC Communications in Seattle advertising the "new" Yaesu FT-101B transceiver; the other ad is from RCT Vice-President Dennis Rainier, W7UBA, announcing he will be employed at ABC Communications selling ham equipment.

W7DK regrets to report the passing of
Elva Steklenburg, RCT# 1241
wife of Will Steklenburg, N7AZN,
Dec 9 1917- June 18, 1994

A.R.O.W.S.

Hello from **AROWS.** O last **AROWS** meeting was Ju 15 and it was a dinner meeti at the Northwest Connection. good time was had by all. O next meeting, July 20th, will a salad potluck at 6:30 pm the clubhouse. All ladies a welcome to join us. At th meeting we will vote on whi projects we will work toward if you want a voice, come ar be a part of the group. The fir Fathers' Day Breakfast was an outstanding success. The were 6 of us who put it on - Judy, Janice, Dolly, Pe Margaret and myself. We had a great time, took in enoug donations to pay for everything. **AROWS** is donating th excess ham, pancake mix, syrup and margarine we boug for Field Day.

Thanks to everyone at the ***Radio Club of Tacom*** who supported our last bake sale.

We plan on using some of our funds to buy som things for the RCT kitchen. See you all at the ne meeting!

Marilyn, KB7PK

Attention RCT Members.

The Radio Club of Tacoma is trying to develop a vide library of the programs at our meetings. Any donations new or used video tape would be greatly appreciate These tapes could then be loaned to any member or oth interested radio club. Please contact Don, KB7GKB, 845-8346

DK AT THE LAKE

What has four wheels, takes ten people to get it started an rolls down hill all by itself? Answer: a big green generator. We we blew the circuit breaker and the coffee quit perking and the we got the use of the big green generator. It finally started and w put it on top of a little hill. Everything was fine until it took off a by itself. The generator stopped, the power went off, and th coffee quit perking. We applied power to the coffeepot thre times.Puget Power, then green generator power...one word stron coffee - the sugar cubes would float.

Well, we tested lots of antennas and the big beams an quads won out for signal strength.

We ate lots of food and I think the hotdogs and berry cobble won out.

A super day, lots of antennas, lots of ducks, super food an the best of conversation. Thanks, RCT Ur the best!!!

Bud, KC7AV

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Amateur Radio Exams in the Puget Sound Area as of Jun 20, 1994

st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, Kirkland - Contact Brian Wood, KF7QF, 481-2361, Bothell

st Saturday - 10 AM - North Seattle Comm. College, Rm 3343, 9600 College Way N. - Contact Mike Mitchell, W7WHT, 282-1438, Seattle

st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, Kent - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

nd Tuesday - 6:30 PM - Everett - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

nd & 4th Thursdays - 7:00 PM - Ft. Lewis Radio Club - Contact John Steele, KG7RX, 491-4682, Olympia

nd Saturday - 10 AM - Tukwila - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

rd Tuesday - 7 PM - Auburn - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

rd Saturday - 9:00 AM - Ferndale - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

rd Saturday - 1 PM - Renton - Good Neighbor Center, 305 S. 43rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

rd Saturday - Sultan - 10 AM - Sultan Elementary School - Contact Dave Axe, 793-2526, W7AGJ, Sultan

rd Saturday - every 4th month - 9:30 AM - Aberdeen - Pearsall Center, 2109 Sumner Ave - next session - Sept 17. Contact Nick Bender, NX7W, 249-4671, Montesano

th Tuesday - Stanwood - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

th Wednesday - 6:30 PM - Everett - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

th Saturday - 10 AM - Marysville - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

ugust 13, Saturday, 10 AM at Charles Wright cademy, 7723 Chambers Creek Rd. W., acoma.

th Saturday - 9:30 AM - Bremerton - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

emiannually - Saturday - 9 AM - Olympia - Olympia Center - 222 Columbia North - Contact John Steele, KG7RX, 491-4682, Olympia

lease send updates to: Jerry Seligman, W7BUN, 12306-80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

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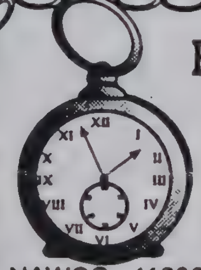

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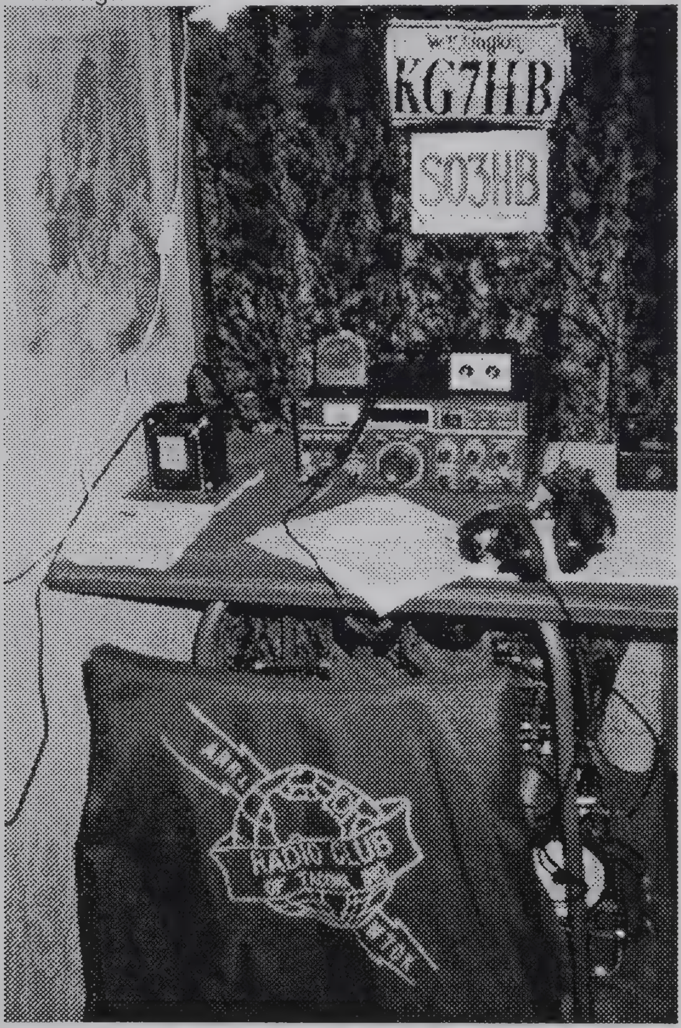
An Adventure In Poland

by Frank Billington, SO3HB / KG7HB

It is 5 o'clock in the afternoon on Saturday, April 2nd, 1994, and I have been in the town of Debno, Lubuskie, Poland, population 14,000, for just over a week. At last, I'd finally found a promising clue. On a poster in the window of a radio and television store was a very familiar diamond-shaped emblem, that of the Polish Amateur Radio Club. (P.Z.K.) The problem was that this store, like all the others in town, was closed for the long Easter Holiday weekend, and would not be open again until Tuesday morning at 10:00 AM. I will be returning...



The history ??

I am here with my wife and nine year old son to adopt a sibling group of three sisters, ages 9, 11, and 12. We have been staying at the Debno Children's Home as guests of the Polish government.

Right after our arrival, we'd had an initial interview with the people at the Polish Adoption Bureau, and a week later, (the day before yesterday) we'd had the second one. Now we were waiting for the formal adoption hearing by the Polish Adoption Court, tentatively scheduled for April 15th. Yesterday, Laura and Daniel had left to fly back to America. Although it was not necessary for us to stay in Poland during the wait for this hearing, we felt that one of us should stay in order to reassure the girls that this whole thing was for real. Since I had lots of accumulated vacation time, stayed behind. We'd been in Poland since March 22n and Danny needed to get back into school. Laura wou be returning to join me on April 15th, because bo parents are required to be present for this hearin Then I would return to America, while she would rema in Poland to eventually bring our new daughters home.

We'd had only two weeks' notice for our departur and there had not been enough time for me to fill o and mail the National Radio Communications Agency Poland (Polish F.C.C.) license application form supplied by the A.R.R.L. and have my license back an in hand before our departure, since a minimum six-wee turnaround was indicated. Our original understandin was that we were to check in with the main Adoptio Bureau office in Warsaw upon our arrival, and intended to visit the office of the N.R.A.P. and apply f the license in person.

But that's not what happened. At the last minut we were instructed to check in with the district office the Adoption Bureau in Gorzow, (pronounced Gor zhoof) which isn't very far over the border from Berli (but was an overnight train ride to Warsa Immediately following our first interview, we had bee driven straight to the Children's Home, here in Debn Ever since our arrival, I had been trying to find someo locally who could put me in touch with a Polish ham wh might be familiar with the necessary paperwork. M search was about to bear fruition beyond belief.

When I walked into the store on Tuesday mornin my lack of Polish and their limited English was a bit of problem despite my English-Polish dictionary, until pulled out my envelope from the A.R.R.L. containing th application forms. Aahhh! One of the clerks walke into the back room, and came out putting on his coa and talking on a 2-meter handheld. Krzyszto (Kshreesh-toff) SP3WWB was swinging into actio "Moment!" he said, "I take you to my friend who ha better English." We got into his car and we drove to th home of his friend, Jurek, (Yu-reck) SP3FMW. The discussed my quest for a few minutes, and declared th the licensing process might take only as little as tw weeks, now that I was in Poland, but they wanted t discuss it with Stefan, a non-ham friend of theirs, wh spoke much better English, and could make certain the fine points. On the way to Stefan's house, we mad a slight detour and picked up Alfred, SP3DRY.

After being warmly welcomed and offered coffe and tea all around, we discussed the possible options Soon they had worked out a plan of action to help me Krzysztof drove us back to the Home and dropped u off, since he had been away from the store for severa hours, and needed to get back. Jurek, Alfred and I wer in to ask the Director of the Children's Home for th required written permission from the owner of th property that I would be operating from. Reassuranc was given that I would not be causing any R.F. problems or drilling any holes. Having obtained that, w visited my room where I showed them my rig since the had expressed an interest in seeing what kind o equipment I had brought with me. All the usua manufacturers are known here, but they had never see

H.S. Teacher built several rigs QRP

Parents not enough money then Pol. Govt. puts up kids free in home; "Warm" home an N.C.G. 10/160M H.F. transceiver before. (they're rare)

Then Alfred went off to make a copy of my complete original license, since it was decided that my wallet-sized copy was not going to be acceptable. Jurek and I went the other way to a nearby bank, to purchase the 173,000 zlotys (zwatee) worth of IRC's, (about $8) for he application and processing fees.

The next surprise came when Jurek directed our path to the local photo studio where I had just that morning picked up some photographs that I'd left to be developed. Little did I know at the time that the owner was another ham, Tadeusz, (Ta-day-oosh) SP3WWS. He pulled his FT-530 out from under the counter, and handed it to Jurek, who tried to contact Alfred. No luck.

Next, we stopped at an apartment, and I was ntroduced to another ham, Kazimierz, (Kashi-meersh) SP3FPF. After the usual round of questions about why I was in Poland, and an explanation of my efforts to btain a license, we continued on the walk to Jurek's ouse where the hospitality continued, as I was offered more coffee and refreshments.

I'd brought my MFJ Antenna Analyzer along this ime, and showed Jurek how to precisely determine the esonant frequencies of his antennas. His home-brew i-band quad came up with 1.7 to 1.0:1 matches right in he middle of the bands. One of his H.F. rigs is a nicely onstructed home-brew job, the other is a Yaesu FT-00. (For anyone who might be contemplating the trip, lot of Europe is on 220 VAC, at fifty - that's 50 - ycles. Bring a hefty step-down transformer; they get warm.) His straight key was nearly the size of one of he old Vibroplex 'bugs', and had a round white porcelain nob. He also let me look through his collection of QSL ards. Mouth-watering, is all I can say. He had one om an American ham in Hackensack, New Jersey, just few miles from where my wife was born, but the one hat I most admired was that of C31HK, in Andorra.

Then a call on Jurek's 2-meter rig let us know that lfred was on his way. He arrived with the copy of my cense, and an envelope all addressed, and ready to go. y now it was close to 5:00 in the afternoon, and since he stores and offices close at around five or six o'clock lfred drove us to the post office in order to get the hole thing off to Warsaw this very day. As if they adn't done enough for me already, Jurek insisted on aying for the equivalent of Overnight Delivery.

As Jurek and I were walking along together on our ay back to our respective homes, I was expressing my ratitude and appreciation for all that had been done for me, a total stranger, by so many people. His reply ummed it all up:

"No problem!! All over the world, in every country, adio Amateurs are family!"

As for the three young ladies, after all the paperwork nd red tape, they should arrive towards the last of July r early in August.

[Some commentary:]

< first point >

The Polish people are very warm and friendly. lthough they have only been out from under ommunist influence and control for five years or so, they hunger for knowledge, and are trying very hard to catch up with the western world. Unfortunately, with the implementation of modern technology and automation, the unemployment rate is rising and the economy is shaky.

< second point >

We Americans don't really appreciate how well off we are. When our biggest concern is which video tape to pick since our first choice was already checked out, or deciding which dish soap fragrance we prefer, we lose sight of just how fortunate we are to have the goods and products in the quantity and variety, let alone the quality, that we enjoy in America.

Frank
SO3HB/KG7HB

Kazimierz
SP3FPF

Jurek
SP3FMW

Tadeusz
SP3WWS

POSTSCRIPT

April 6th - This afternoon, middle daughter-to-be Paige and I visited Jurek, SP3FMW, at his home. When we arrived, we were introduced to Jurek's wife, daughter, and mother. Coffee and tea was served, along with little cookies and pastries. We spent some time talking about my impressions of Poland and the people, (friendly!) and how the adoption was proceeding. (slowly!) The time passed rather quickly. Soon we had to say good-bye, and leave to walk back to the Home.

April 7th - This morning, I was sitting in the room, reading some of the QST, 73, and CQ magazines that I had brought along, when Alfred, SP3DRY, knocked on the door. He had brought his old 2-meter rig for me to use during my stay. It was a battery-powered portable unit, rock-bound, three channels, like Jurek's, and he'd also brought a battery charger for it. With the help of the Polish- English dictionary, he explained that as far as he was concerned, it was OK for me to transmit even without a license, since it was a very low-power radio, and there was no one else (who counted) who could hear us anyway.

I found out that he is a teacher at the high school, which was almost right next door to the Home, and that he had come over during his morning break. I invited him to stop in and visit anytime.

I continue to be greatly impressed by the unconditional warmth and friendship that I have been experiencing.

April 9th - I was outside playing volleyball with a bunch of the kids after dinner, when I heard my name called, and saw Jurek, SP3FMW. He had come to visit me, and said that Alfred, SP3DRY, and Kazimierz, SP3FPF, would be joining us soon. When they arrived a few minutes later, we went to my room, where I'd set up my rig with my Outbacker antenna leaning in a corner by the window. After the 25-cent tour of the controls of the NCG 10/160M, they gave it a try. They made a few quick contacts into Germany, and pronounced it a nice radio.

Tadeusz, SP3WWS, the photo studio owner, showed up soon after with his camera bag, and took some pictures of us. It seems that my presence in Debno, and my efforts to obtain a Polish Amateur Radio Operator's license is the subject of an article being written for the journal of their equivalent of the A.R.R.L.

I learned that Kazimierz is into packet radio, and was particularly interested in looking through my magazines for info and articles. I told him to go ahead and borrow the whole pile, and bring them back when he was done. They also gave me a callsign to use when talking to them on their 'private' two-meter simplex frequency. I was assured that it belonged to a mutual friend of theirs who lived in another town and didn't mind. Hmmmm.

April 12th - This evening, the girls and I visited Alfred, SP3DRY, and we got to meet his family. His 13 year old nephew, Przemek (Zhem-eck), who has been studying English was there, and did an excellent job of handling the translating.

He has a Kenwood TH-215E handheld that he uses in his car while driving, then takes inside and puts on an external antenna when he's home. He showed me his H.F. equipment, all home-brew, which was very neatly and professionally constructed. Alfred called up an English speaking friend of his on the Gorzow repeater, and we had a short QSO. We enjoyed a wonderful evening that passed far too quickly.

April 25th - It's here!! I am Sierra Oscar Three Hotel Bravo! The secretary of the Home stopped me this morning as I was walking outside, and told me that I had a letter. When I opened it, I found my Polish Amateur Radio License. It is good for one year, renewable, and limits me to 250 watts. (being licensed as Amateur Extra Class in the U.S, I could have applied for the top license class of 750 watts, but the 250 watt class was all that I needed) The 'Oscar' carries the friendly designation of 'outsider', and identifies me as a foreign Ham, licensed in Poland.

Also included was a complete frequency allocation list, a callsign area map, a repeater map, and a 'receipt' describing my H.F. rig that I might need if I am questioned about the ownership of my equipment. The repeater map shows the location and call of each repeater in Poland, (not that many by American standards) and lists only eight frequency pairs, all two meters.

April 27th - Jurek, SP3FMW, Kazimierz, SP3FPF, and a new friend Kazik, SP3WVP, showed up this afternoon to help me put up my 200 foot longwire. We strung it from the edge of the roof over the windows to my room, and then down the length of the roof over the dining room/kitchen wing, to the top of the 80 foot tall smokestack for the heating and hot water boiler. I would have been perfectly happy with tying it off at ten feet or so above roof height, but Kazik insisted on climbing to the top, all the way up the side of the smokestack, with nothing but iron bars for rungs, and solid concrete at the base. (shiver)

After we got done on the roof, we went downstairs to make the final connections. Tadeusz, SP3WWS, showed up just as I was turning on the rig, and took some more pictures. Contact was made with Mirek, SP2RNO, in Bydgoszcz, and I had my first H.F. QSO as SO3HB! But it was getting late, and my friends had to leave.

Later on, after the girls had been given their hugs and kisses, and gone off to bed, I turned the rig on again. 80 meters was kind of noisy, so I switched to 40. I4YTE came back to me after my first CQ. We had a short QSO, then I shut the rig off and went to bed. After doing a lot of SWLing for the previous weeks, the real fun was about to begin.

For Sale:

Kenwood TS-520 HF transceiver. Does 10-80 meter. Comes with a Shure 444 Desk Mike, and Sp-520 Desk Speaker. Also the operator's and service books are included. This unit is A/C powered and is ready to go. Asking $350. Contact Val Baldwin 927-2351 N7VGO

COMET COLLISION

Comet Shoemaker-Levy 9 has broken into numerous pieces and the pieces are on a collision course with the planet Jupiter. This event will occur about July 18th on the far side of Jupiter. On the West Coast, Jupiter will be about 50 degrees above the horizon in the southwestern sky at the time of impact, and will set about four hours after sunset.

In the 18-22 MHz frequency range, it is possible to hear radio noise from Jupiter. The noises resemble the sound of rushing surf or distant thunderstorms. A resonant half-wave dipole oriented north and south should work, but a beam pointed west would be better. A narrow bandpass receiver filter would help eliminate interfering signals.

Scientists aren't sure whether the crashes will produce audible signal bursts, but the more people there are listening and recording, the better the chances of detecting something. If you would like to join this project or just want more information, contact: W.L.Robinson, 13625 State Street, Bonner Springs, KS 66012. (Thanks Jayhawk *ARS "Midwest Chips"*)

NTRODUCTION TO PACKET RADIO - PART 5

- by Larry Kenney, WB9LOZ

USING A PACKET BULLETIN BOARD SYSTEM

There are at least 8 different packet bulletin board ystem programs available W0RLI's, WA7MBL's, EBBS, MSYS, FBB, CBBS, and also some personal rograms such as WD6CMU's and N0ARY's. The ommands are much the same with each program, but ou might find a few differences from what I describe ere. When you do, use the H - HELP command to get pecific details on how the BBS you're using functions.

You connect to a bulletin board system (BBS) xactly the same way as you connect any other station. nce connected, you'll receive a welcoming message, nformation on that particular BBS and instructions. ead the information and instructions carefully. The rst time you connect you should receive a request to nter your name, QTH, zip code and home BBS for the ystem user file. On some systems, the software will ot allow you to use any of the commands except HELP ntil you have entered this information.

Note that after you receive the welcoming message nd the instructions, the last line ends with a >. This is nown as the prompt. This is where you enter the ommand you want performed next. Each command is ollowed by a carriage return <CR> which you send by itting the "Enter" or "Return" key.

To enter your name you type the letter N followed y a space and then your first name, such as: N Larry. our QTH is entered using NQ followed by a space then our full city name and two letter state abbreviation, uch as: NQ San Francisco, CA. You enter your zip ode with NZ followed by a space and your five-digit zip. our "home BBS" is the system that you plan to use egularly and want all of your personal messages elivered to. Make sure that it's a full service BBS, not personal mailbox, since only full service systems are cluded in the message forwarding network. You enter our home BBS by typing NH followed by a space and en the call of the BBS, such as NH W6PW. (Note: SIDs are not used with BBS operation except for when aking the connection. Most BBS software ignores all SIDs.) The user information is stored at the local BBS nd is also sent to a central data bank known as the Vhite Pages Directory". The information can be ccessed by anyone. System operators (sysops) use it r determining your home BBS when forwarding essages, and you can use it to find the name, QTH nd home BBS of your friends. How to use the "White ages" will be discussed in part 9 of this series.

When checking in to a BBS for the first time, you hould become familiar with the commands available to ou. Each BBS or mailbox is a little different from the ext, so read the introduction carefully and follow the irections. If you don't know what to do next, enter H for ne HELP instructions. Make note of the command tters, enter only one command at a time, and make ure you enter them correctly. Computers are not very orgiving and expect things to be entered in proper form. ake your time, check out the features that the BBS ffers and enjoy yourself. There's no need to feel ushed or intimidated. If you get to a point where you don't know what to do next, don't give up and disconnect, enter H again for further HELP. That's what it's there for! I suggest that you make a printed copy of the complete help instructions so that you have them available as a reference when using the BBS.

Now let's go through the basic procedures you should follow when checking into a BBS. If there are personal messages addressed to your call, the BBS will list them for you following the welcome message. Note the message numbers. At the > prompt, the first thing you should always do is list the new messages, by entering L. The BBS program updates the user file each time you check in, logging the latest message number. The next time you check in, only the new messages that have been received by the system are included in your list. The first time you check in, you might want to avoid using L by itself. Many systems have more than 500 active messages available, and since you haven't seen any of them, the L by itself will list all of them for you. As an alternative, I suggest that you use the LL (LIST LAST) command. You enter LL followed by a space and then the number of messages you'd like to see, such as LL 30 to list the last 30 messages that were received by the BBS. When you receive the list, note the numbers of the messages you're interested in reading.

Next read the messages you're interested in. You do this by entering R XXXX, where the Xs represent the message number, such as R 4521. Note that there is a space between the command and the number. It's best to have your buffer or printer turned on when reading messages, because they're apt to come in faster that you're able to read them. You should have a means for saving them to read later after you've disconnected. If there were messages addressed to you, you should erase or “kill” them once you've read them. You can do this with the “KM” command, which means “Kill Mine”. This command will erase all messages that are addressed to you that have been read. You can also kill each message individually by entering K XXXX, where the Xs are the message number.

Once you have read all the messages you're interested in, you have several options. You can look back at old messages, send messages to other stations, see what's available in the file directories - the BBS library, download a file, upload a file, check the list of stations that have recently checked in to the BBS or stations that have been heard on the BBS frequency, check the status of the BBS to find out what other stations are connected and who has mail waiting for them, or a variety of other things. We look at the BBS commands in detail in part 6 and explain how to do all of these things and more.

Oh, so that we don't leave you connected forever, when you're ready to disconnect from the BBS, enter a B. *(Stay tuned for part 6 A and B)*

INTRODUCTION TO PACKET RADIO - PART 6

- by Larry Kenney, WB9LOZ

In part 5 we discussed the basics of using a packet bulletin board system. Now let's look at the commands you use on a BBS. As previously mentioned, some of the commands might vary slightly from the information I'll be presenting to you here. Use H (HELP) if you find that a command doesn't work as described. Remember, all commands must be followed by a carriage return <CR>.

The LIST Command: The first thing you should do when connecting to a BBS is to use the LIST command. There are many variations available, but L, by itself, is the one used most often:

L (List) - Lists all new messages that have been received by the BBS since you last logged in, except for other users' personal messages. If you want to list specific messages, you may use one of the following variations of the L command:

LM - (List Mine) - Lists all messages addressed to you.

L # - Lists messages back to and including number #. Example: L 4050 will list all messages, except personal messages to others, from the latest one back to #4050.

LL # - Lists the last # messages. Example: LL 30 will list the last 30 messages received at the BBS, excluding others' personal messages.

L> - Lists all messages TO callsign indicated. Example: L> N6XYZ

L< - callsign, lists all messages FROM callsign indicated. Example: L< N6XYZ

L@ - designator Lists all messages that have that "designator" in the @ BBS column of the message header. Example: L@ ALLCAN will list all messages with ALLCAN in the @ BBS column.

There are several other variations depending on the type of BBS you're using. Enter: H L for more information.

The READ COMMAND: To read a message, you enter **R** followed by a space then the message number. Example: To read message 5723, you'd enter: R 5723. You also have the option of using the **RH** command, which will give you all of the forwarding headers in detail, rather than just giving you the path. The forwarding headers show the list of BBSs that handled the message to get it from the originating BBS to the one you're using. Example: To read message 5723 with the full headers, you'd enter RH 5723. There is one additional version of the READ command, and that's **RM**. Entering RM by itself will give you all of the messages addressed to you that have not yet been read.

ERASING MESSAGES: Once you have read a personal message, please erase it. The sysop will appreciate your help in clearing up "dead" messages. You use the **K - KILL** command to do this. You can enter **K #,** such as K 5723, which will erase that particular message, or you can enter **KM**, which will erase all of the personal messages you have read. If you use the KM command, the BBS will list the message numbers for you as they're killed.

THE "S" COMMAND(S): S (Send) and on some systems **S (Status):** On W0RLI-type systems, the letter S by itself will give you a reading of the BBS status, showing the callsigns of stations using the system, the time that they connected, the ports and tasks they're using, etc. It also shows you information on the mail waiting for users and on the messages waiting to be forwarded to other bulletin board systems. S by itself on other systems will either prompt you for further information on sending a message, or it will give you an "illegal command" error message.

SENDING A MESSAGE: The "S" command is mainly used for sending a message, but it should always be used with another letter specifying the type of message you're sending. There are three types of messages found on packet bulletin board systems: Personal, Bulletin, and Traffic.

"SP" is used for sending a personal message to one other station,

"SB" for sending a bulletin, and

"ST" for sending a message that's going to be handled by the National Traffic System.

You're able to send a message to one particular person, to everyone on the local BBS, to everyone at every BBS in Northern California, in Southern California, in the entire state, or all across the entire country. It all depends on your addressing.

At the BBS prompt you enter the appropriate command (SP, SB, or ST) followed by a space and then a callsign for a personal message or a category for bulletins. The category should indicate the nature of the message, such as PACKET, INFO, SALE, WANTED, DEBATE, ARES, etc. Examples: SP WB9LOZ SB INFO SB SALE. NTS (National Traffic System) messages require special addressing and a prescribed format, so I'll discuss them separately.

If you wish to send a personal message to someone at another BBS, you have to indicate where it should be delivered. You do this by giving the call of the other BBS and the two letter abbreviation of the state it's located in following the call of the addressee. For example, to send a message to N5PQ, who uses the W5XYZ BBS in Texas, you would enter: SP N5PQ @ W5XYZ.TX The BBS call and the state abbreviation are separated by a period. This is the bare minimum required for delivery of messages going out of state. A more complete system of addressing is available. It's called hierarchical addressing, and its covered in detail in the next part of this series. A more complete address is helpful in directing your messages to stations in the U.S more quickly and is required for messages going to stations outside of the U.S.

To send a bulletin, a general message, to more than just the local BBS, you need to use a forwarding designator that specifies the area where you want the message distributed. In northern California:

ALLCAN indicates that you want the message sent to all Northern California BBSs, which includes all of them from Santa Cruz, Gilroy, and Fresno northward.

ALLCAS is used to send a message to all BBSs in the southern part of the state.

ALLCA is used for sending a message to EVERY BBS in the state.

ALLUSW is used for distribution to all BBSs in CA, AZ, NV, OR, and WA.

ALLUS is the designator to use for sending a message to EVERY BBS IN THE USA. Extreme care should be used when using the ALLUS designator. Please make sure that the subject matter is of interest to packet users everywhere, that there are no time constraints and that the message is as brief as possible.

The @ ALLUS designator should NOT be used or local meeting notices, hamfest or swap meet announcements or for "For Sale" messages. The National HF Packet Network, used for forwarding messages to other parts of the country, is somewhat ragile, due to varying band conditions and the slower 300 baud rate used on HF, so unnecessary traffic can keep personal messages, NTS traffic and other more mportant traffic from getting through.

Here are a few examples of how you would correctly ddress a bulletin-type message for general distribution: SB PACKET @ ALLCA SB SALE @ ALLCAN SB NFO @ ALLCAS.

NTS messages are entered as ST ZIPCODE @ NTSXX, where the XX is the two- letter state bbreviation. Examples: ST 03452 @ NTSNH ST 0626 @ NTSIL If you have traffic for the National Traffic System, you must use a special NTS format for he text of the message. Full details on NTS messages will be presented in Part 12 of this series.

When you have the address line of your message omplete, you enter a carriage return (<CR>). You'll hen receive a prompt asking for the SUBJECT or TITLE of the message. Enter a brief description (30 haracters or less) describing what the message will be bout, followed by a <CR>. Next, you'll be asked to nter the TEXT of the message. When entering the ext, you should insert carriage returns at the end of ach line, as if you were typing a letter. A normal line as a maximum of 80 characters, so when you have 70 o 75 characters typed, enter a carriage return and ontinue on the next line. This will prevent words from wrapping around to the next line and the program nserting an unnecessary blank line in the text. After ou have completed the text, you end the message with CONTROL Z. (You send a CONTROL Z by holding own the CONTROL key and hitting the Z key.) You nust follow the CONTROL Z with a carriage return. Some systems will also allow you to use /ex to end a message.) When you receive the BBS prompt, you now that the message has been accepted by the BBS.

FILE DIRECTORY COMMANDS:

The files on a BBS offer you a variety of information n a wide range of subjects. Each BBS has its own nique set of files as determined by the sysop (the ystem operator). They're stored in directories ccording to subject and are listed by file name.

To determine what directories and files are available ou use the **W (What)** command. Entering W, by itself, ives you a list of the directories available on the BBS long with an associated letter or topic name and a eneral description of the subject for each directory. To st the files stored in a specific directory you enter W ollowed the directory letter or topic name that you eceived with the directory list. Example: WA or W ARRL depending on the software used at your BBS. Enter: H W to find out which form is used on your system.

If you want to read a file you use the **D (Download)** command. You enter D followed by the letter or topic name for the directory where it's stored and then the exact file name. Here are some examples: DF FCC EXAM LST or D FCC FCC EXAM LST DM TS440S.MOD or D MODS TS440S.MOD You can enter H D to find out which form is used on your BBS.

To send a file to the BBS you use the **U (Upload)** command. The command must be used with the letter or topic name for the directory you want to store the file in followed by the filename you're assigning to the file. Filenames can have up to 8 characters preceding the period and 3 characters following the period. (Normal DOS format.) Some examples: UG FLEAMKT.INF or U GENERAL FLEAMKT.INF would upload a file named FLEAMKT.INF into the G or GENERAL directory. UP BBSTIPS.1 or U PACKET BBSTIPS.1 would upload the file BBSTIPS.1 into the P or PACKET directory. The BBS program will not allow you to upload a file with a filename that already exists, and some directories are set by your local sysop for downloading only so don't permit you to upload files to them.

OTHER COMMANDS:

H (Help) Every BBS has help available for the user. If you don't understand how to use a specific command the help documentation will give you the details. For help on a specific command enter: H followed by a space and then the letter of the command you'd like more information about. Example: H L will give you details on how to use the LIST command and its many variations. H, by itself, will give you more information and specific instructions on how to use the help documentation on your BBS.

I (Info) Gives you details on the hardware, software and RF facilities of the BBS you're using, or on some systems, a page of upcoming events, helpful hints, or other useful information. On W0RLI type BBSs, there are several other variations of the I command:

I callsign gives you the name, QTH, zip code and home BBS of the person with that callsign, if listed in the local "White Pages" packet directory. (More information on the packet "White Pages" will be presented in part 9 of this series.) Example: I K9AT

I zipcode gives you a list of all active packet stations in the specified zip code that are stored in the local "White Pages". Example: I 94114

I@ BBS lists all callsigns in the "White Pages" having the specified BBS as their home BBS. Example: I@ W6PW

I lists all callsigns in the "White Pages" having the specified location. Example: I CA

Enter: H I for more detailed information if you're using an RLI BBS.

J Displays a listing of stations that were heard by the BBS or that connected to the BBS. Must be used with a port identifier, such as JA, JB, etc. J, by itself, will list the ports for you. Other variations of the J command are available on some BBSs. Enter: H J for details.

M On MSYS BBSs M, by itself, will give you the message of the day.

N Used for entering your name, QTH, zip code and home BBS. This command was covered in detail in part 5.

P (Path) On MSYS BBSs P followed by a callsign will give you the path last used by that station to connect to the BBS. Example: P W6PW

B (Bye) When you're finished using the BBS, you enter a B to disconnect.

Other commands might be available that are specific to the particular software being used. Check your local BBS for a complete list of the commands available to you.

RF-IMMUNE PHONES

If telephone RFI keeps you from hamming, contact the following firms for RFI-proof phones, filters and other products guaranteed to eliminate RFI problems: TC Laboratories, RR 9, Box 243D, New Braunfels, TX 78113 (1-800-545-5884); Pro Distributors, 2811-B 74th Street, Lubbock, TX 79423 (1-800-745-3692); and K-COM, Box 82, Randolph, OH 44265. (Thanks Frankford RC Newsletter)

PRIME MINISTER

A minister was mending his fence when he noticed a neighbor's son paying close attention to the job he was doing. The clergyman asked, "Getting some pointers on carpentry, Harold?"

"No sir," the boy replied, "I'm just waiting to hear what a preacher says when he mashes his thumb with a hammer!"

(Thanks Westchester Emergency Communications Assn. "Wecagram")

DXer Goes Overboard

It was a dark and stormy day when the DXpeditioners arrived at the small Pacific island. During the unloading one member of the group, a banker, fell out of the Zodiac. While the others looked for a life preserver, one of his friends called out, "Can you float alone?" "Sure," the banker grasped, "but this is no time to discuss business." (Thanks Delaware-Lehigh ARC "W3OK Corral")

SOLDERING TO ALUMINUM

You can solder to aluminum! Do it this way: place a drop of motor oil on the location you plan to solder. Next, take a sharp pointed tool (a pocket knife works well) and thoroughly scratch up the surface. Do not wipe off the oil. Now take your soldering iron, heat the spot, and apply a good resin core solder. You will find the solder will adhere completely, both physically and electrically. This works great for making connections to aluminum chassis. (Thanks Rochester ARA "RaRa Rag")

RADIO CLUB OF TACOMA
MINUTES FOR REGULAR MEETING
May 25, 1994

The meeting of the Radio Club of Tacoma w called to order at 7:35 P.M. by President Jim Kirkre K7YLM, with 78 members and 2 guests present. quorum is present to conduct official business.

ANNOUNCEMENTS:

5/27 - Lickem-stickem Bark Party - RCT Clubhouse 10:00 AM.
6/1 - RCT Board Meeting - RCT Clubhouse 7:30 PM
6/4-5 - Apple City Hamfest - Wenatchee, WA.
6/4-5 - SeaPac Ham Convention - Seaside, OR.
6/8 - RCT Meeting - 7:30 PM Library Center at 112th & Waller Rd. - "Why We Need VHF/UHF Frequen Coordination" - Jon Marcinko, W7FHZ.
6/18 - All Class License Exams - RCT Clubhouse 10:00 AM.
6/22 - RCT Meeting 7:30 PM Library Center at 112th & Waller Rd Field Day Planning
6/25-26 - Field Day at Marymount in Parkland.
8/13 - RCT Flea Market at Charles Wright Academy.

FIELD DAY: Jim, K7YLM, reports that things are w underway and this will be a bigger and better Field D event this year. He also reminds us that the Mike ar Key Club has challenged us for total points for Fie Day.

NEW CALLS AND UPGRADES:

UPGRADES: Roxann Holwege, KC7AFR Advanc Class

HINTS & KINKS, TUNING AND TRAFFIC ETC. Ji K7YLM, passed out a reprint, "End-Fed Copper Dipole"

HEALTH & WELFARE: Tom, N7QHX, is here in livi color and everyone welcomes him back. Kirk, W7GC is home and doing well.

TREASURER'S REPORT: by Jerry, W7BUN.

GENERAL FUND CHECKING	1,410.8
REPEATER/PACKET FUND CHECKING	1,063.7
FLEA MARKET CHECKING	601.2
MURPHY FAVRE SAVINGS	10,318.51
SCHOLARSHIP MEMORIAL CD	2,512.97
CASH ON HAND	0.0
TOTAL ALL ACCOUNTS	$15.907.2

MEMBERSHIP: There are 528 members as of this dat for 1994.

MINUTES: Previous minutes are available at the fro of the room.

CONTESTS: Jim, K7YLM, reports that participation the contests has been relatively low and he is sti waiting for results.

PROGRAM: Stephen Lee, KC7AVB, presented th program this evening on the "Informatio Superhighway". His demonstrations include information received for legislative activities Washington State and a link to France also. This is no done over modems but over wires and/or fiber optic which is much, much faster than modems as we kno them. For those who are not computer illiterate, this wi be a whirlwind. An extremely interesting program an we all thank Stephen very much for putting this togethe and presenting it to us.

RACES/ARES: Shirley, N7QHW, announced that vents continue to be high on the volunteer list. Events till coming are the "Sound to Narrows" on June 11, 994, Old Soldiers' Home July 4 celebration and "Tour le Pierce" the second weekend in July. There will also e a Statewide Communication Exercise occurring on une 3,4,5, and 6, 1994. To volunteer for Public ervice Events, contact Irene, KB7IGW, at 927-5793 nd to volunteer for the Communication Exercise, ontact Tom Stanley, KB7VOO at 458-4713.

ROWS: Marilyn, KB7PKH, President of AROWS, nnounced that the Ladies now have T-shirts and weatshirts for sale with their logo. Contact Jan aynard at 862-0659 to order yours. She also reminds s of the coming "Father's Day Breakfast" on June 19, 994. The next AROWS meeting will be on Wednesday une 15, 1994 at 6:00 PM at the NW onnection(formerly known as the NCO Club) at Mc hord. It will be a buffet dinner and meeting.

UPER SPLASH FIELD TRAINING SESSION: Jim, 7YLM, reports that the session at 5 Mile Lake on aturday was very successful and all attending had an xcellent time learning, having fun and eating.

ACKET GROUP: There will be a meeting for those nterested in packet Thursday, May 26, 1994 at the RCT lubhouse.

ISCELLANEOUS: Jim, K7YLM, reminds all of us that e breakfast at McChord at 8 AM is open to all and vites anyone who is interested to please come.

EW MEMBER CERTIFICATES: New member ertificates are available for Ray Carlson, KC7CBM; ana Totten, N7NRF; Betty Weston, KC7ACY; Herb eston, KC7BAA; Ted Burford, KC7CAX and Norm oppe.

OGGER CONTACTS : Endorsements were available r Tressie, KC7BAL.

DJOURNED: The meeting was adjourned at 9:00 PM.

Respectfully submitted,
Shirley Murphy, N7QHW, Secretary RCT

ADIO CLUB OF TACOMA, INC.
OARD MEETING MINUTES
UNE 1, 1994

The Radio Club of Tacoma Board of Directors eeting was called to order at 7:35 PM by President Jim irkreit, K7YLM. There were 7 board members and 11 uests present. A quorum is present for conducting fficial business.

REASURER'S REPORT by Jerry, W7BUN.

eneral Fund Checking	1,410.82
epeater/Packet Fund Checking	1,063.70
lea Market Checking	797.22
urphy Favre Savings	10,318.51
cholarship Memorial CD	2,512.97
ash on Hand	0.00
otal	$16,103.22

INUTES: The minutes of the May 4, 1994 Board eeting were available.

EMBERSHIP: Total members for 1994 as of today is 28.

IELD DAY: Jim, K7YLM, announced that David odd,WB7AUJ, will be organizing the Field Day event this year along with Don, KB7GKB; Alan, N7EAY; and Jim, K7YLM.

FLEA MARKET: No updates at this time.

PACKET BULLETIN BOARD: Jim, K7YLM, reports that they are continuing to work on changing the node location and getting the station back into operating condition. It will be up and running hopefully some time next week.

LONG RANGE PLANNING COMMITTEE: Jim, K7YLM, reports the Planning Committee has recommended the formation of an Emergency Planning Committee which he will be appointing soon.

REPEATER, BBS CHANGES: Jerry, W7BUN, and Mac, W7MSR, have suggested that rather than have only one committee to deal with technical aspects of the club organization such as repeaters, packet, etc., we reorganize and have a group of Technical Committees. The following committees are suggested for this format.

TECHNICAL COMMITTEES

Repeater Committee	Packet Committee	Antenna Committee	Power and Generator Committee	HF Station Committee	Building Committee	Museum Committee

Each committee chairperson could further subdivide their committee according to responsibilities as the chairperson so desired.

Denny, KB7NAG, moved we form a committee to develop these committees. No second was made so the motion died.

Jerry, W7BUN, moved the Board accept the general idea of the organization of Technical Committees and the whole board work on ideas for filling the chairperson position of each of the committees. Seconded by Denny, KB7NAG. MOTION PASSED.

It was suggested by Shirley, N7QHW, that we come back to the July Board Meeting with our ideas.

REPEATER/PACKET FUND: In the past this fund was always known as the Repeater Fund and previous fund raising projects were done with the repeaters as the recipient of these efforts. Jerry, W7BUN, moved we change the name of this fund back to the REPEATER FUND and if funding is needed for other technical committees such as packet, that the members of the committee have fund raisers to establish their own funds to support their cause. Seconded by Rich, N7ANF. MOTION PASSED.

SOLICITATION PROCEDURE: Ray, W7KFN, has put together a list of Solicitation Rules and each board member was given this previously. Discussion was undertaken but it seemed that the members were not ready to discuss the procedure with full knowledge at this time. Shirley, N7QHW, suggested we read it thoroughly and come back with cool heads to the July Board meeting and discuss it as the first order of business. It was tabled until July.

MISCELLANEOUS: Jerry, W7BUN, reports that the club needs to print more stationary and envelopes. Ray, W7KFN, reminds us that we need to include the disclaimer statement on the stationary. The Board agrees we need to do this and funding is approved.

ADJOURNMENT: Meeting adjourned at 8:27 PM.
Respectfully submitted,
Shirley Murphy, N7QHW, Secretary, RCT

ATTENDANCE

President	Jim, K7YLM
Vice-President	Alan, N7EAY
Secretary	Shirley, N7QHW
Treasurer	Jerry, W7BUN
Board members:	Mac, W7MSR; Denny, KB7NAG; Rich, N7ANF.

Guests: Judy AJ7R; Art, AA7EO; Bud, N7FQR; Rob K7TGU; Ray W7KFN; David WB7AUJ; Brian KA7KUZ; Marilyn KB7PKH; Frank KG7HB; and George WA7BHH.

Respectfully submitted,
Shirley Murphy, N7QHW, Secretary, RCT

RADIO CLUB OF TACOMA
MINUTES OF REGULAR MEETING
JUNE 8, 1994

The meeting of the Radio Club of Tacoma was called to order at 7:35 P.M. by President Jim Kirkreit, K7YLM, with 65 members and 2 guests present. A quorum was present to conduct official business.

ANNOUNCEMENTS:
6/9 Packet Meeting, Clubhouse, 7 pm
6/11 Equipment Check, Clubhouse
6/12 AROWS Meet, McChord NCO Club 7 pm
6/16 Flea Market Meeting, Clubhouse, 7PM
6/18 License Exams, Clubhouse, 10 AM
6/19 Fathers Day Breakfast, Clubhouse, 8-11 AM
6/22 Club Meeting, Field Day Planning,
6/25-26 Field Day, Marymount, Parkland
8/12 Flea Market, Charles Wright Academy

HEALTH & WELFARE: Newt Grimes, WN7L, is out of the hospital and doing better at home. Kirk, W7GCI, is at home and on the air after his operation.

TREASURER'S REPORT:

General Fund Checking	$1,369.08
Repeater Fund Checking	1,063.70
Flea Market Checking	797.20
Murphy Favre Savings	10,318.51
Scholarship Memorial CD	2,512.97
Cash on Hand	0.00
Total	$16,061.48

MEMBERSHIP: There are 528 members as of this date.

MINUTES: Were available at the front desk.

TUNING AND TRAFFIC: Russell, KB7UXK, Worked the MIRV Space Station; sorry I missed the call but another of our members worked VE7MD via the Russian RS12 satellite.

NEW CALLS: Bill Hall, KB7SWX has a new call KI7Yk, congratulations.

PROGRAM: The guest speaker, Jon Marcinko, W7FHZ, was introduced by Jerry. Jon is the VHF/UHF Frequency Coordinator for the Western Washington Amateur Repeater Association (WWARA). He discussed the startup of repeaters from the 1958 era 6 Meter repeater of Cliff Osborne, W7UYL, and others through to the present time. Early repeaters were based on the technology of available surplus military and commercial hardware and had different frequency splits and modulation schemes including even AM. Early on, Jon started keeping a list of users and casu assignments of frequencies. By 1975 it got so complicat that he started lobbying to form a group with the fi meeting at the RCT Fleamarket in Graham. WWARA w formed at a meeting in the RCT Clubhouse in 1976 wi Bylaws borrowed from a similar group in Northern Californi They now keep track of 528 repeater channels with channels on 2 Meters and 440 MHz currently used u Some frequencies on 220 MHz and 6 Meters are availabl The FCC has accepted the idea of the "Coordinator Record" to handle local problems. Other coordinators wo Eastern Washington, Oregon and Canada locally. Th WWARA has good working relationships with the repeat owners. WWARA has some problems with money to cov costs of mailings and they would like someone organization to tackle a project to develop some instructi material for new hams. Education is needed on wh repeaters are, how they are used and for what, protocol autopatches and 911 calls, and rights of repeater owners control their use. The FCC has ruled that a repeater own may direct a user to get off his repeater. New technology needed to increase the available channels, narrow bandin to locate between existing channels, or co-chann assignment with different sub audible coding to select th desired repeater. Packet stations, being simplex, are n currently coordinated and some problems are arising. If on wishes to install a repeater, he must coordinate with an other assigned users of the frequency and present coordinated request to the WWARA. If they consider worthwhile, they will authorize a test to verify the propos and then decide on the approval, about a 6 month flow tim Low level repeaters are desired to allow more local are users without interference. The talk was video taped.

FIELD DAY: David, WB7AUJ, has sign-up sheets. Need Nightowls for the 12 to 5 AM shift and a Control operator f 15 Meters. Also need shelters and rotors. Members ar requested to contact W7DK from their homes on 10 Meter and Packet.

PACKET GROUP: The BBS is on the air on 144.97 MH log on with **C (space) W7DK**. It works good and is tied t the gateway.

CORRESPONDENCE: A thank you letter from the Pierc County Library District, for the flag donated by the club, wa read.

LOGGER CONTACTS: An endorsement was awarded t David, WB7AUJ, others were not present.

GOOD AND WELFARE: Jerry reported that the Ten Tec transceiver was replaced with a new one and i back in the Clubhouse. He also reported on a scam from W5YI, from letter warnings that your license i expiring and asking for $5.00 to renew. The club has form 610's to file renewals for free.

Jim reported on a Bell Lab achievement of dat transfer at 22,500 megabits per second, allowing 1 million calls on one phone channel. His report o contests was David WB7UYL was the only member tha worked the 55 prefixes in the club, and no-one submitted a log for "Worked Some States".

ADJOURNED: The meeting was adjourned at 9:0 P.M.

Respectively Submitted
Ray Pedersen, W7KFN, Acting Secretary, RCT

July 1994

W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1 # 'BOB' - N7BH #'TONY' KB7MPD #'BRAD' KB7PZV *Dominion Day (Canada)*	2 PINOCHLE/ POTLUCK Clubhouse 7pm #'BARB'- W7UYL #'DAVE' N7XRJ # KEITH-KB7NVW # GLEN- KA7BOJ
3 NONA - N7TPF TYKIE RAWLINGS	4 *Independence Day*	5 147.28 NET 7:30 PM ----------------	6 Board Meeting Club House 7:30 pm. # JOHN - W7ZTI	7 #'BOB'- KD4IFT	8 #'NORM'- N7ILQ #DENNIS-KA7IIV	9 AIRU WORLD CHAMPION CONTEST #'TONY'-KA7LWM #DARRELL-W7GDP
10 IRU WORLD CHAMPION CONTEST RICK' -W7LKG SUSAN -N7YFH VIRGINIA BICE STEVE KC7AZS	11	12 147.28 NET 7:30 PM ----------------	13 W7DK MEETING Library 112 St. E.& WALLER RD. 7:30pm	14 #'ART'-AA7EO	15 # HARRY -W7HHP # DAVE- KB7UXV	16 #'WILL'-N7AZN
17 MAC'-W6NBD MARK O'HALECK	18 # MIKE -WB7DFQ	19 147.28 NET 7:30 PM ---------------- MVWS VE TESTS	20 ARROWS {Pot Luck} Clubhouse 6:30pm *LOGGER'S BARK "DEADLINE"* # LORRAINE KA7WGG	21	22 #'BILL'- K4QXP #'DICK'-WB7CRR	23 #MARGARET-KA7RUQ # RUFUS-KB7SLX
24 ALAN - N7EAY	25 LADY'S PINOCHLE CLUB-HOUSE NOON #'HANK'- W7UD #'MARK'-KB7ZQM	26 147.28 NET 7:30 PM ---------------- # DAN - W7WA	27 W7DK MEETING LIBRARY 112 St.E. & WALLER RD. 7:30pm	28 # REVIS -N7BUN	29 # MONA -KB7AGS	30 Shirley's "lickum/ stickum" Party #'BILL'- N7TEQ
31 GREG'- N7RSE						

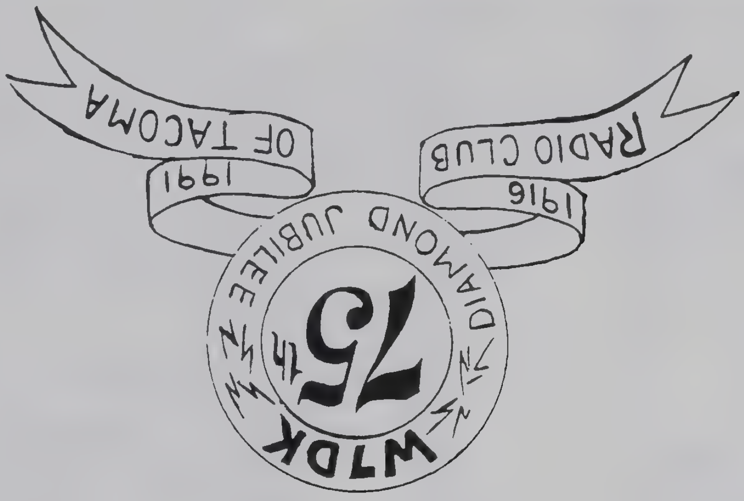
June

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

August

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Happy Birthday!


W7DK
75th
DIAMOND JUBILEE
1916
RADIO CLUB
1991
OF TACOMA

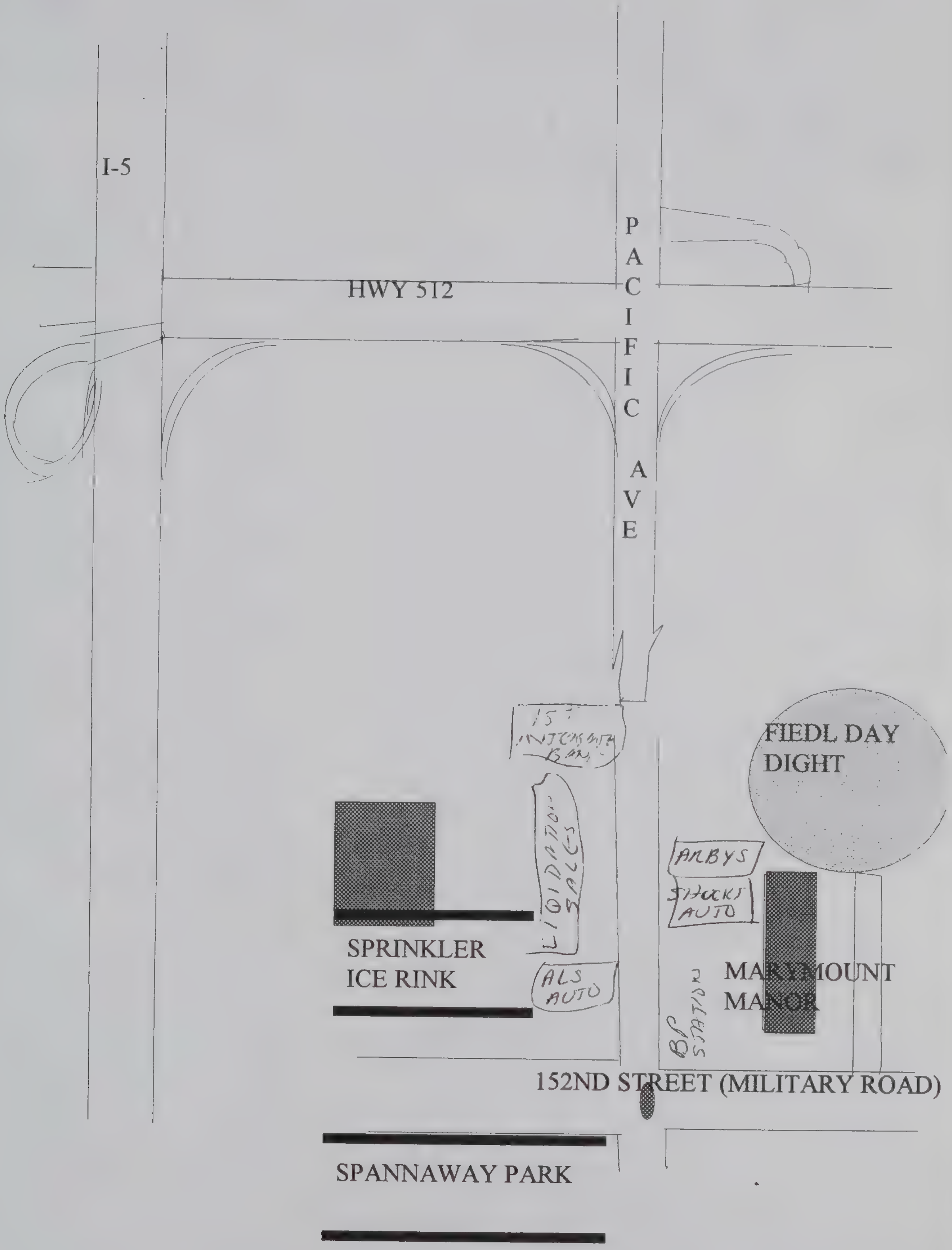
THE LOGGERS BARK

RADIO CLUB OF TACOMA, INC.
PO BOX 11188
TACOMA, WA 98411

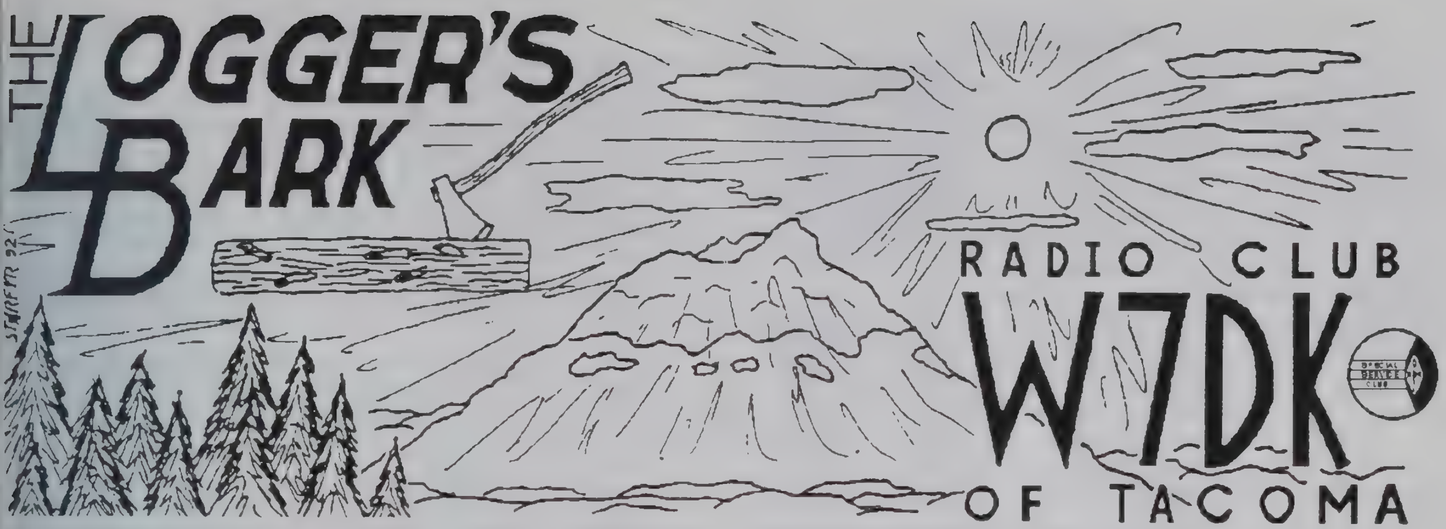
ADDRESS CORRECTION REQUESTED

NONPROFIT ORG.
U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

The Road to Field Day 94


I-5
HWY 512
PACIFIC AVE
1ST INTERSTATE BANK
LIQIDATION SALES
SPRINKLER ICE RINK
ALS AUTO
FIEDL DAY DIGHT
ARBYS
SHUCKS AUTO
BP STATION
MARYMOUNT MANOR
152ND STREET (MILITARY ROAD)
SPANNAWAY PARK

Go south on Pacific Ave to 152nd Street. (There is a light at this conder) There is a BP station on the NE corner, Sprinker Ice Rink is on the NW corner and Spannaway Park is on the SW corner). Get in the LEFT HAND TURN LANE. Go east of 152nd Street 1/4 mile. You will see a sign for Marymount Manor and Spannaway Senior Citizen Center. Turn left into the dirt road between the two signs.



THE LOGGER'S BARK

OL. XXXI NR.8 W7DK AUGUST 1994

FROM THE PRESIDENT

by Jim K7YLM

IDEAS...I need your ideas and your help on a project which is long overdue. About 35 years ago a number of our members got together and purchased our clubhouse at 1249 S Washington. At the time we had less than 50 members and the location was fine. A lot of interior remodeling was done and for a number of years our clubhouse was more than enough to fill our needs.

Times have changed. We ow have 530 members. We are a non-profit organization with e responsibility for charitable, educational, and scientific perations with our members and our community. We have the esponsibility to assist in any emergency which may affect our embers and our community. It appears that our membership ill continue to grow.

In the fall our goals for prospective members are expected to ncrease. In addition, we expect to have increased demands for early every field of communications, emergency management nd building and design projects.

Where do we go from here? I have a shopping list. Keep in ind, we have very little capital; however, here are a few goals. ure they are a bit lofty, but I believe there is a need and just a ossibility that these goals may come about. It would be great to ave a meeting place where we could have rooms for several HF tations, for building projects and for training. If we just had nough room to conduct our general meetings. I know we could evelop closer ties with our members and prospective members. few acres of property would sure be great to design, build and rect antenna projects.

How might these goals be accomplished? First, this must be team effort. We would need fund raisers, grants, gifts, work arties and help from our community.

We have a lot to offer our city and our state. In times of mergency the Radio Club of Tacoma would be there with ssistance to anyone in need of our help.

Give me your thoughts, your ideas and, above all, your irection. I am just one person, but it is my belief that if this was a nified club project, it would become reality. Let me know what ou think.

COMING EVENTS

AUG 3 - Board of Directors meeting - 7:30 PM - at the Clubhouse - all members are invited.

AUG 10 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - **Program: *"Final Plans for the Flea Market."*** This is the Club's only money raising event during the year. Please volunteer to help - need a lot of members to fill the various jobs - it's also a lot of fun!

AUG 13 - RCT Flea Market - new site: Charles Wright Academy. - License Exams - 10 AM

AUG 18 - Packet Meeting at Clubhouse at 7 PM - (see below)

AUG 20 - AROWS Clubhouse - 6:30 PM - Salad Potluck RSVP Marilyn, KB7PKH, 845-8346.

AUG 24 - Club Meeting Library Center - 112th & Waller Rd. 7:30 PM - **Program: *"10-10."*** If you have listened on 10 meters, you have heard hams exchanging 10-10 numbers. Bob Crelling, N7QOZ, will explain the 10-10 program and how you can get a number of your own. Kathleen Nace, NØEYK, and David Dodd, WB7AUJ, will assist Bob.

AUG 28 - RCT's 78th Anniversary Celebration, Potluck, Picnic, and Training Session at McChord AFB Holiday Park see details elsewhere in this issue.

AUG 29 - Ladies Pinochle at the Clubhouse 12 PM

AUG 30 - Shirley's Lick' Stick'm Party 10 AM Clubhouse

OCT 3 - Class begins for Novice and Technician licenses.

CONTEST FOR AUGUST

Our Packet Bulletin Board is up and working great! In August, here is a challenge for all members. Send a message and get a return message from as many members as possible.

I know all of us are not on packet, so you might have to do your best to drag a club member to the home of someone who does have a packet station. Give it a try - this is a good way to get that intro to packet.

SPECIAL PACKET MEETING

Thursday, August 18th at 7:00pm at RCT Clubhouse at 1249 S. Washington. There will be hands on Packet Training (3 stations), how to hook up your system, access to bulletin boards, sending and receiving messages, information and a handout on what can be done with packet.

Expert help and guidance will be provided. Bring along your questions. Bring your equipment and we will help you get it on the air. Don't miss this one.

RADIO CLUB OF TACOMA
1994

PRESIDENT	JIM KIRKREIT	K7YLM	927-7825
V PRESIDENT	ALAN ALLEN	N7EAY	475-7413
SECRETARY	SHIRLEY MURPHY	N7QHW	265-3661
TREASURER	JERRY SELIGMAN	W7BUN	845-7652
BOARD (4)	DENNY FIELD	KB7NAG	NONE
	RICH MANSON	N7ANF	474-8883
	JOHN McALLISTER	W7MSR	952-7388
	KATHLEEN NACE	NØEYK	862-8635
LOGGER'S BARK STAFF			
EDITOR	RALPH FULLER	KA7FIG	582-5841
REPORTERS	JERRY SELIGMAN	W7BUN	845-7652
	SHIRLEY MURPHY	N7QHW	265-3661
	ROGER NACE	K7AYC	862-8635
	DICK RYAN	W7RGD	627 0922
	MARILYN OLSON	KB7PKH	845-8346
	BILL BOYLE	KB7CNN	588-7763
PHOTOGRAPHERS	TED BURFORD	KC7CAX	752-8479
	BILL BROWN	N7TEQ	582-9439
	MIKE HAZELMYER	KB7VNT	471-1545
COMPOSITOR	"NICK" OLSON	N7BCV	536-8940
PUBLISHER	W7DK PRESS	N7QHW	265-3661
AUTHOR OF *A TALE OF TWO CITIES*		CHARLES DICKENS	

* * *

CLUB MEETINGS

7:30 pm
Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411. 206 / 759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Mail all articles and advertising to Ralph Fuller, KA7FIG, 8208 Southway SW. Tacoma, WA. 98498. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO ***THE LOGGER'S BARK***, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK / Radio Club of Tacoma

147.88 / .28 MHz	144.97 - Packet
147.98 / .38 MHz	441 00 - Packet
224.52 MHz	

NEW MEMBERS as of JULY 8, 1994

CAROLYN VAN VALKENBURG, call pending RCT#1747
9801 192ND AVE. E.
BONNEY LAKE, WA 98390 862-1812

MARGARET THOMASSON, KC7AZX RCT# 1748
16432 32ND AVE. S.
SEATAC, WA 98188

GARRETT PESSEMIER, KB7IOG RCT# 1749
5410 N. 40TH ST.
TACOMA, WA 98407 759-7770

MAJOR G OWENS, N7GSF RCT# 1750
1215 S GARFIELD
TACOMA, WA 98444 537-7143

REINSTATEMENT

BARBARA LLAPITAN, N7YFK
15008 115TH AVE CT E
PUYALLUP, WA 98374 841-4218

HUGH R. (BOB) CURRAN, KA7JDW
10617 FREIDAY ST SW
TACOMA, WA 98499 588-6875

ADDRESS CHANGES

GREGORY A CONINE, N7RSE
8527 NE 129TH PL
KIRKLAND, WA 98034-2621

KARL MARSH, KI7XY
PO BOX 70005
RENO, NV 89570-0005

KERRY P WEBSTER, WB7AKE
7815 23RD ST W
TACOMA, WA 98466-3507

MELODY MUMMERT
P.O. BOX 9385
TACOMA, WA 98409-0385

HERMAN JONES, N8PSJ
9105 DAVENPORT RD.
ANDERSON ISLAND, WA 98303-9763

GUY CARLSEN, KC7AIW
759 114th St.
TACOMA WA 98444

DENNIS JONES
715 W LOCUST ST
BOWLING GREEN, MO 63334-1326

GEORGE WARNER, KB7NDC
11807 74TH AVE. EAST
PUYALLUP, WA 98373-4631

PHIL PEARSON, N7YFI
2200 MERIDIAN ST. S. APT. K-302
PUYALLUP, WA 98371-7549

NEW CALLS
CORRECTIONS AND ADDITIONS

CARL ROSEVEAR, KB7LIG	Phone: 770-9708
TED BURFORD, KC7CAX	ZIP CODE 98465
JOE, DIANE, & TONY BUSHNELL	Phone: 276-8110

RCT BULLITIN BOARD WANTS YOU

We have the call book server, a user tutorial and 1500 active bullitins for your fun and enjoyment. Frequency 144.97. **Type W7DK** and give us a try.

ARRL Membership Renewal

Don't forget when you join the ARRL or renew your ARRL membership, do so through the club. The club gets a smal commission, and you save having to supply a stamp and ar envelope. Also, for those joining for the first time, the ARRL will give you your choice of a free book. See the Treasurer fo details.

Field Day 1994

by David,WB7AUJ

Field Day 1994, was held at the former Marymont Academy in Spanaway, June 25-26. The consensus of opinion was that a good time was had by all. If you didn't come, and could have, you have only your-self to blame for missing a good time.

For many this was their first ever Field Day. What wasn't taught in preparation for FD was learned under fire (Ask Bud, KC7AVT, whether you need a dupe-sheet during a contest).

We operated in class 7A for the second year in a row plus a VHF/UHF, Novice and Packet station. My rough count was 1903 contacts (1638 last year) and 6924 points 6586 last year). Jerry,K7ETU, currently has the logs for preparing dupe-sheets for submittal to ARRL.

Thanks to Ron, WA7UQV, we had 6 meter capability his year in our VHF/UHF position. Ask Danny, KC7CUQ, what it's like to have a run of 14 contacts in 15 minutes on 6 meters (He hadn't even received his call at the time). The VHF/UHF station made 150 contacts 6, 2 and 440. Good work Ric, N7UFB, and crew.

Our packet station had 19 contacts in addition to making satellite contact with the Russian Space Station, MIR. I was talking with one of the contest committee people at ARRL regarding FD rules. He said his FD group only had 15 contacts. Good work Russell,- KB7UXK, Ed, KC7BAI and Alan N7EAY.

Our Novice Station with Brian, KA7KUZ, Randy, KC7AVA, and Les, KC7BYN, racked up 129 phone contacts nd 45 cw contacts. They planned for operating all Novice bands and experienced a super 10 meter opening. Ask Brian how he feels about being ready to work on any Novice and.

I would like to say thank you to the support crew that put s *'operators'* on the air and kept us there. Tom, KB7VOO, or getting generators ready to go. Larry, KC7YT, and Karl, KB7LIG, for power generator operation and distribution. Andy, KB7DOX, for getting fuel to the site and providing expertise in erecting towers. Hal, W7EC, and his 'Super Sling Shot' crew for getting the wire antennas up in the air. Ric, N7UFB, for a boom truck for erecting towers. Jim, K7YLM's son) for driving the boom truck (It takes a commercial drivers license). Alpine Rentals for the light ower so we could see where we were going at night. Harry, KB7JQM, for use of his motor home as a station shelter. And last but certainly not least Marilyn, KB7PKH, and her AROWS, crew for food. Next year men, some of us need o help with food so those ladies that want to operate can have their chance too!!

If I missed anyone, please forgive me.

Judy - AJ7R really got bit by the 'Contest Bug'. She pent about 12 of the 24 hours of the IARU contest at the Club House putting W7DK on the air.

Harold LeMay, our landlord benefactor, visited the site Sunday morning and invited us back next year. This is far better than Camp Murry in regard to electrical/RF nterference. I would recommend using it again next year.

We had a party and Field Day critique (planning session or next year) on Saturday, July 9th.

We need to begin preparations for next years Field Day now, not four weeks before. The first thing we need is a Chairperson(s). **COULD THAT BE YOU??** Talk to Jim, K7YLM,or David, WB7AUJ, 73.

Editor's Log Pile

This Month's edition is dedicated to the men in the field and women in the kitchen who supported **W7DK's** Field Day. I have heard from many different sources that the women, and especially the AROWS women, who missed their chance to operate in the radio contest are steamed! *"They've come a long way, baby"* and women are demanding equality as they should. So guys, it's time to read ***Betty Crocker*** instead of ***QST***. We have a whole year to prepare for the next field/kitchen day. Having said that, this is the **Special Field Day Issue of the *Logger's Bark*.** **Timber**

Attention RCT Members.

August 6th, at 11 AM at the Clubhouse RCT will have a hands-on program on how to solder. We will cover soldering of copper, brass steel, stainless steel and printedcircuit boards. You will the knowledge to work on projects in the future. Jim, K7YLM

For Sale:

Kenwood TS-520 HF transceiver. Does 10-80 meter. Comes with a Shure 444 Desk Mike, and Sp-520 Desk Speaker. Also the operator's and service books are included. This unit is A/C powered and is ready to go. Asking $350. Contact Val Baldwin 927-2351 N7VGO

For Sale

Yaesu 757GX HF New, Still in Box $500
MFJ Veras Tuner ii 300w Antenna Tuner $50
14 in Computer Monitor and Commodore 64 Computer with AEA CPI Computer Patch Complete with Disk Drive; Negotiate
ADS Computer Printer Negotiate
2 meter Tempo 1 Needs Batteries $15
HeathKit Phone Patch $54
3 Typewriters All in Good Condition Negotiate
3 1933 Teletype Machines Western Union Negotiate
Regency Scanner Crystal Controlled $10
Radio Shack Motion Detectors $10 Each
New 14in Blk/White TV $25
Moving - Must sell many Antique Radios and other gear.
Call Bud, WE7I, 759-1264

For Sale

Surge-protected outlet strips. $7.50 each
ME-26DU bench type multimeter - very nice unit - $20.
Regency HR-2A 2-meter xtal-controlled xcvr - $50
Standard C-145BN 2-meter xtal-controlled HT - $50
Larsen magnetic mount - no antenna - $5
Quarter-wave 2-meter antenna - $5
Jerry, W7BUN, 845-7652

NEWS FROM ARRL & WESTLINK REPORT

de W7BUN

The ARRL has told the FCC that taking away 35 MHz of the amateur band at 2300 MHz is unfair. The FCC's Notice of Inquiry proposed reallocating part of the band that the Amateur Service shares with the U.S. Government and using it for the private sector. The League said this goes against the will of Congress and that existing and future amateur uses must be protected.

The FCC has proposed to amend its Part 13 rules to allow persons who have passed the examinations necessary to qualify for a commercial radio operator license, but have not yet received the license, to temporarily and conditionally perform the functions of a commercial radio operator. The Commission said that the total processing time "may be as much as eight weeks." (It's running 12 weeks or more for Amateur Radio license applications).

Bishop Samuel Ruiz, XE1AXS, has been nominated for the Nobel Peace Prize. Ruiz, 69, is bishop of San Cristobal, Chiapas.

The FCC has canceled a $2,000 fine issued against a Florida woman for unlicensed operation. Margaret Taylor, of Windmere, Florida, had been operating on 145.53 MHz without a license. Taylor appealed the fine on the basis of her age and financial condition. She has since become licensed as KE4IMC.

The Dallas, Texas, FCC Office responded to a complaint that a CB radio station could possibly be a potential source of future interference to an infant apnea (breathing) monitor by ordering the CBer off the air even though his station is in full compliance with FCC Part 95 rules! Even after an inspection which found a legal citizens radio installation, the FCC still ordered the station to cease operations. This is a appalling situation, when a government agency acts on fears that a legally operating transmitter "might" cause a problem!

A new newsletter dealing with 20 meters is now being published. There are personal profiles, net information, and other items of interest about 20-meter operations. For a free sample copy, contact Robert Brown, 7200 5th Avenue North, St. Petersburg, FL 33710.

Kevin Cornwall, N6ABW, reports on a recent trip from North Carolina to California he stopped for gas a number of Flying-J truck stops. Each had a prominently displayed flyer listing their special of the month, a Ranger 10-meter all-mode mobile transceiver. Nowhere on the flyer, the shipping box, or the manual was it indicated that an FCC license was required. The clerks told him the unit was type of CB.

Attention RCT Members..

The Radio Club of Tacoma is trying to develop a video library of the programs at our meetings. Any donations of new or used video tape would be greatly appreciated. These tapes could then be loaned to any member or other interested radio club.

Please contact Don KB7GKB at 845-8346

For Sale

18HTS Hightower 55ft, Vert. antenna with 160 mtrs. Used four months and mobile park owners said, "Take it down!" Sale Price is $475. Will consider trades or smaller Vertical.

Call Rich, NE7T, 537-3839

A.R.O.W.S

Hello from AROWS...Field D
was a tremendous success! V
served 77 people at the potlu
Thank you to everyone w
contributed. We had a wonder
variety of food and a nice room
the meal. The kitchen facilities we
very good. In the morning, we fed
for breakfast (thank you Russ
KB7UXK for flipping hotcakes
Also thanks to Judy, Margaret, Do
and Shirley for their help. It ma
my job much easier.

Our next project is the food at the Flea Market August 13
Any able bodied female who would like to help please call me
845-8346. We had a great time last year and this year will
even better! Our next meeting will be August 17th at t
clubhouse at 7:30pm. We look forward to seeing you there. V
also wish to thank you for your continuing support at our ba
sale the first RCT meeting each month. **Marilyn, KB7PKH/**

W7DK at the AIR BASE

On Sunday, August 28, W7DK will host one of the be
events of the year. We will be at Holiday Park at McChord Fiel
AM to 5:00 PM celebrating our 78th year!!!

There will be training and demos of every known type
vertical antenna — quarter wave, trapped verticals, grou
mounted, vertical mounted above ground, inverted verticals a
phased verticals (in line and square). We will have a digi
seminar with several packet stations, gateway demos, inter
demos, chatting, AMTOR, WEFAX and hands on operati
There will be HF station training, as well as VHF protocol a
training.

It will be potluck but the club will furnish the hot dogs a
pop. There will be CW and phone contests plus games a
prizes for the kids. Don't miss this one! It will be the best ever.

By the way, you must stop at the gate of McChord a
provide proof of insurance and registration of your car.
SEE YOU THERE!!!

VE TESTING

The Maple Valley Wireless Society will conduct an
License examination the Third Tuesday of each mont
and shall begin 7pm, promptly at the Auburn Fire Stati
located at 1101 "D" Street NE, Auburn WA
Should you like more information on how you mig
participate, call **Bill / W7GBC**, 584-1086, or **Ralph**
KA7FIG, 582-5841.

Walk-ins are always welcome.

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OFFICIAL EMERGENCY STATION OES

The Radio Club of Tacoma, W7DK, was recently appointed as an OFFICIAL EMERGENCY STATION(OES). So, big deal, what does that mean and how does it effect me as a member of the Radio Club?

"Recognition and enhancement of the value of the amateur service to the public as a voluntary non commercial communication service, particularly with respect to providing emergency communications." These are the FCC's own words describing every ham's responsibility. But there are some amateurs who go above and beyond the call of duty in meeting this charge. Enter Official Emergency Station. The OES is ready, willing, and able to answer the call when normal communications are down. This is what the members of the Radio Club of Tacoma indicated a few meetings ago that they were ready to support.

The job description for the OES position is as follows:

[1] Regular participation in the local ARES, if any, including all drills and tests, emergency nets and, of course, real emergency situations.

[2] Ability to operate independent of commercial means including at least one-band mobile capability.

[3] Must be fully acquainted with standard ARRL message form and capable of using it in handling any third-party messages.

[4] Report monthly to EC/DEC or SEC.

[5] Possession of Full ARRL membership and a Novice Class license or higher.

Novice class and above may be appointed OES if they are ARRL members and interested in setting high standards of emergency preparedness and operation. Recruitment of new hams and League members is an integral part of the job of every League appointee. Appointees should take advantage of every opportunity to recruit a new ham or member to foster growth of the Field Organization programs and our abilities to serve the public. For purposes of the Radio Club OES, it is important to remember that we plan to operate a HF station so General Class license is more than likely to be a requirement. Also, each amateur who chooses to participate as an operator for the OES should register with the Department of Emergency Management.

OFFICIAL EMERGENCY STATIONS are extremely important to the cause of supporting emergency communications. In Pierce County, there are currently two OES stations that are active in the organization. We desperately need to have as many people as possible become OES stations as possible. If you are interested and can operate without commercial power, please contact Dave, N7UNN at 752-9191; Tom, KB7VOO at 458-4713; or Shirley, N7QHW at 265-3661.

Pierce County Emergency Communication Services is also still in need of a person to be the Hospital Manager. Is there someone out there interested in doing this? If so, contact any of the above persons and let them know.

EMERGENCY PREPAREDNESS TIP OF THE MONTH

There are six basics you should stock in your home. They are 1) Water, 2) Food, 3) First Aid Kit, 4) Tools and Supplies, 5) Clothing and Bedding and 6) Special Items.

FOOD: Store at least a three day supply of non-perishable food. Select foods that require no refrigeration, cooking or preparation. If you must heat food, pack a can of sterno. Select food items that are compact and lightweight. Include a selection of the following foods in your Disaster Supplies Kit:

Ready to eat canned meats, fruits and vegetables.
Smoked or dried meats such as beef jerky.
Juices--canned, powdered or crystallized.
Soups--bouillon cubes or dried "soups in a cup".
Milk--powdered or canned.
Staples--sugar, salt, pepper.
High energy foods--peanut butter, jelly, crackers, nuts, health food bars, trail mix.
Stress foods--sugar cookies, hard candy, sweetened cereals.
Prescription medicines & vitamins

...de Shirley, N7QHW

Repeater Autopatch Access Code
Was Changed July 1
RCT members call Jerry, W7BUN, 845-7652,
or Shirley, N7QHW, 265-3661,
for the new access code.

20 YEARS AGO - AUGUST 1974

Hamfair-74 is two weeks away. The Grand Prize is an ICOM IC-230. The Women's Auxiliary will be raffling off a quilt for 50-cents a chance. Doc, W7OS, tells how he worked, by chance, a former member of the Club, and he advises all members to keep a sharp watch on the air for previous RCT members. Clay, WA7WMC (now K7CR), suggests the Club's two meter station be set at 146.52 MHz since the current 146.76 is now part of a repeater pair. The Club's VHF station is a Motorola T-43 transmitter and receiver.

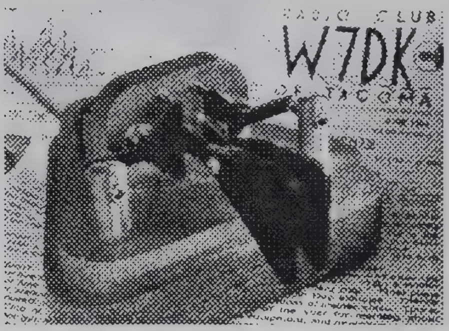
The FCC has proposed that Amateur Extra Class licensees be eligible for any available call sign upon the payment of $25. The FCC has ordered that amateurs need to keep logs of any third party traffic and information about any visiting control operators. Repeaters and mobile stations will still need to keep a log. The CB industry was so sure that they would be authorized to operate on the amateur 220 MHz band, that over-anxious manufacturers shipped 220 rigs to CB distributors who promptly sold them to CBers. The ARRL announced an increase in membership dues to $9.00 effective January 1, 1975.

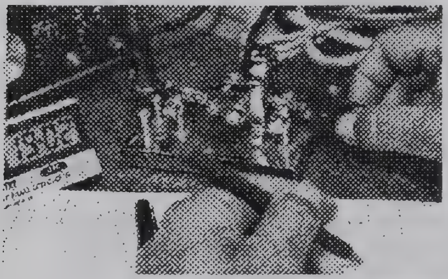
Field Day Chairman, Bill Deatherage, WA7SCN, announced that the Club made 2700 QSOs during Field Day. RCT has 109 paid up members. Clay, WA7WMC, reported he turned in 2680 pounds of paper for the Club and received $36.20. The Puget Sound Council of Amateur Radio Clubs has 18 clubs and 5 repeater groups as members, and is considering holding an ARRL Northwestern Division Convention in 1977.

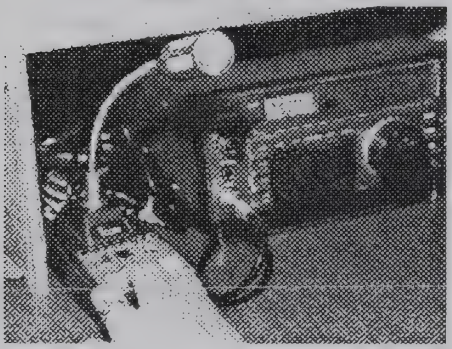
ARRL Renewals

Don't forget when you join the ARRL or renew your ARRL membership, do so through the club. The club gets a small commission, and you save having to supply a stamp and an envelope. Also, for those joining for the first time, the ARRL will give you your choice of a free book. See the Treasurer for details.

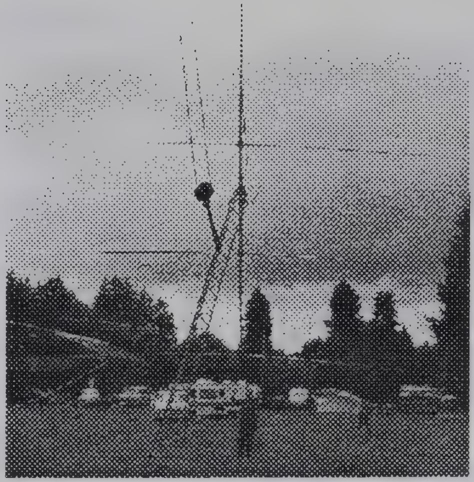
Field Day is about hardware...


RADIO CLUB
W7DK
OF TACOMA



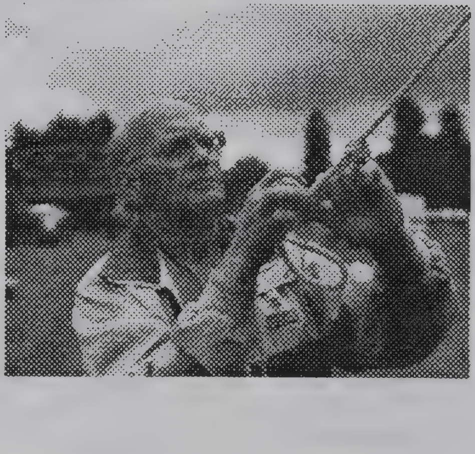


...and it's about putting as much metal as you can as high as you can. (And if it stays up you didn't put it high enough...)

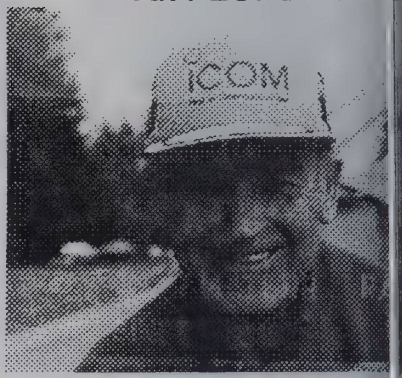


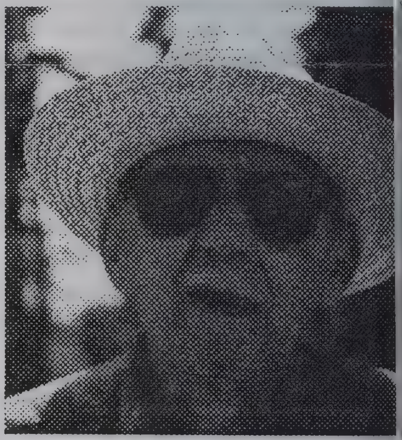
Getting all that metal up there can take big machines...

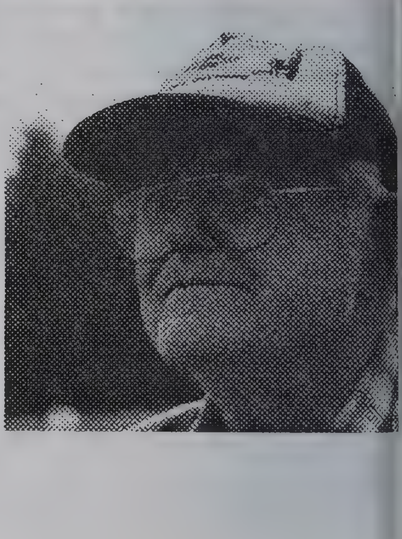
...and fine hand control...

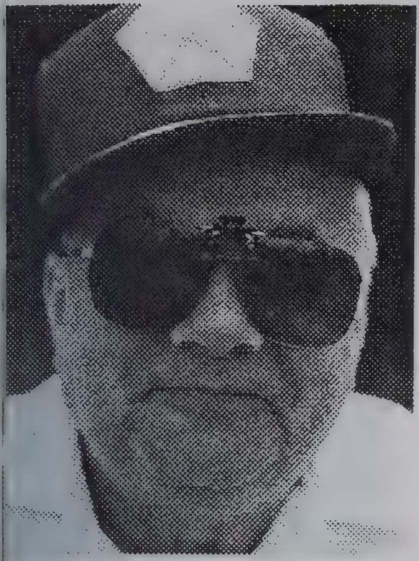


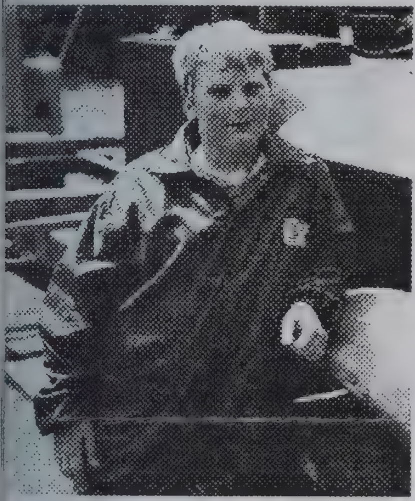
But mostly Field Day is about PEOPLE...



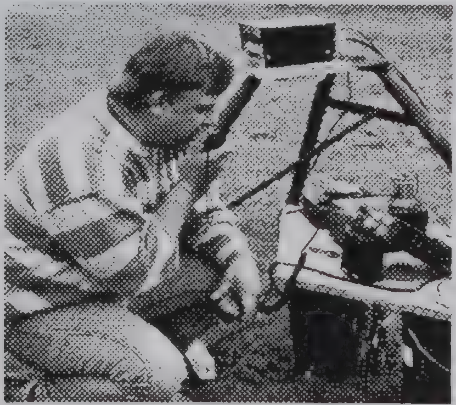






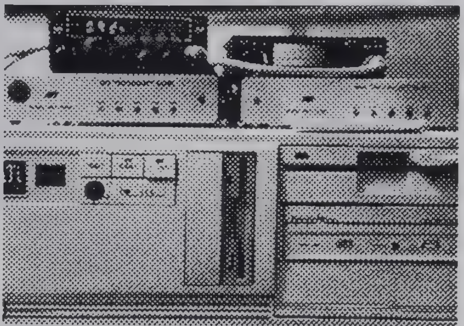


Wait a minute - what kind of a rig is that??



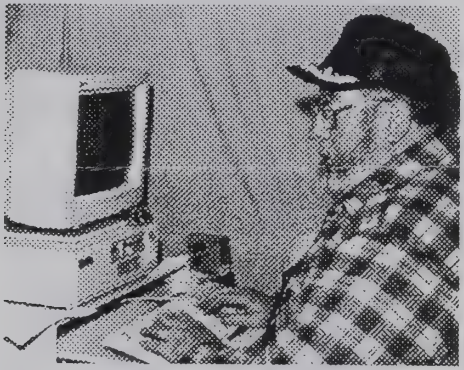
Somebody bring this guy a chair...

Ford spark coil operation?

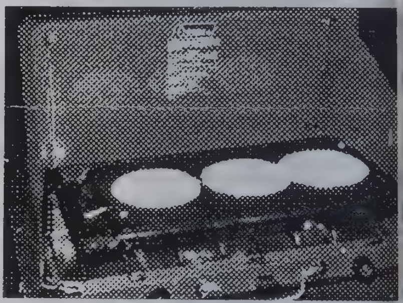


Are computers people? Time named it *Man-Of-The-Year* once...

Ye Olde Editor...



And finally, Field Day is about FOOD too!



Enuff said...

SLIVERS AND SPLINTERS..

Worth W7WG and Mac W6NBD are working on a Zepp antenna with a counterpoise for Antique Wireless Station.

Plan from 1927 Handbook...Mike, KB7VNT, is sporting a new tri-band beam. Lots of DX on the way.

What husband and wife team upgraded on the same day? - Marilyn, KB7PKH, to advanced and Don, KB7GKB, to extra class.

Kenwood has a new dual band handheld, the TH-79A, which can listen to two frequencies on the same band at the same time.

Rob, K7TGU, is sporting a beautiful new custom designed HF mobile antenna.

Al Burleson started our ham classes in the spring. He got his tech, general, advanced and code for the extra. He did it all so fast that not one license has come through yet. Congrats Al!

Russell, KB7UXK, contacted the Russian MIR Space Complex during W7DK Field Day by packet radio.

Jean, KB7SVX, is building a new crank-up tower..

Other new calls heard about are for Danny Hermasillo, KC7CUQ, and for Jonmarie Sprindor, KC7DKH. **Welcome to ham radio!**

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Martin R. Torres
Manager
Luis Torres - AA7WE

1030 South "K"
Tacoma, WA 98405

(206) 627-1044
Monday-Saturday
10:00 a.m. - 6:00 p.m.

Box up your junk — it might be someone else's treasure. The W7DK Electronics Fleamarket is right around the corner.
Saturday - August 13th
9am-3pm
Charles Wright Academy

Navigation For Beams

de Rich Armstrong, NE7T

A long distance phone call the other day prompted me once again to think about all the new beams going up. It reminded me to include stock in some compass manufacturers to my portfolio. Seriously before you buy a compass which might get out of the woods and you had to walk to Prince Edward Island, you would be way off your mark. To use a compass requires two equations to find true north, that is variation and deviation.

Let's look at the definitions first. **Variation** is the difference between true and magnetic north caused by the earth's magnetic field and can be plus or minus to any extent throughout the earth. **Deviation** is the difference between true and magnetic north caused by any metal capable of being magnetized such as the rebar in the cement foundation of your house, your car, power lines, etc. Unlike a ship or aircraft we have no means to determine this correctly for several reasons, such as moving the car or turning on the family dryer. One more term that map readers use is **Declination**. To a navigator that it is a term used representing Celestial Latitude but to the map reader it indicates Variation.

OK let's look at a better way to be precise and accurate. This was probably discovered centuries ago and I take no credit except for fine tuning. All we need is a little sun at noon and navigation tables. Longitude for Tacoma is 122 degrees 26 minutes west. The suns apparent travel is from east to west. Fifteen degrees of Longitude equals 1 hour of time. Divide 122-26 by 15 and you find the time zone of +8 with an additional correction for 2 degrees 26 minutes which figures out to be 10 minutes more of time. Since we are west of Greenwich, England where all this starts, it appears that the sun will be at the 120th meridian at noon plus 10 minutes later for us in Tacoma. Well it's close but not right on.

There is another connection to be made for what is called " meridian passage" and has to do with really complicated stuff so we look it up in a book. Stay with me now as we look at the table below. We will take the correction of 10 minutes and add it to the time listed.

Date	JAN	FEB	MAR	APR	MAY	JUN
1	12:02	1213	1211	1203	1156	1157
10	12:07	1213	1209	1200	1155	1159
20	12:10	1213	1207	1158	1156	1201
Date	**JUL**	**AUG**	**SEP**	**OCT**	**NOV**	**DEC**
1	12:03	1205	1159	1149	1143	1148
10	12:04	1204	1156	1146	1143	1152
20	12:05	1202	1153	1144	1145	1157

Additional colons are omitted to save space in the table.

For 1 Jan we simply take the time 1202 and add that 10 minutes to it which means the sun will be overhead at 1212. Run outside really quick and line the shadow of the boom on the antenna with the shadow from the tower, readjust the rotor heading to north and you have it. *another ancient mariner - 73*

Contesting

Contesting is a special interest area of our hobby that is enjoyed immensely by some. For those who have not been upstairs to the radio room, there are certificates on the wall that tell of our predecessors leading the pack in the 7th Call District.

The week-end of July 9-10, W7DK participated in the IARU (International Amateur Radio Union) World Championships. This is an international contest. We worked close to 50 countries during the contest. The list includes Argentina, Armenia, Belgium, Belize, Brazil, Brunei, Cayman Islands, China, Columbia, Cyprus, Czechoslovakia, Dominican Republic, Estonia, Finland, France, Germany, Guam, Germany, Haiti, Hungary, Indonesia, Ireland, Italy, Japan, Korea, Latvia, Mongolia, New Zealand (80 meters CW), Paraguay, Peru, Philippines, Poland, Romania, San Marino (Only about 5 licensed ops in whole country), Sweden, Taiwan, Ukraine, Wales, Venezuela, Yugoslavia, Russia. We are still trying to identify some of the countries we worked as this goes to press. (The world is changing so fast, it's hard to keep up with pre-fix charts.)

It was interesting to see how well W7DK is know around the country. You sit there and call CQ and back comes a California station saying, "Hello Tacoma this is ...". Or you work someone in New England and they ask, "Are you working from the Club Station?". Or to work a DX station and have them ask "Is this the Radio Club of Tacoma?".

Although we came no where near last years winner (HG73DX - 3862 contacts, 250 multipliers for 3,195,000 points. An average of 161 contacts per hour is beyond my comprehension), we did have a respectable score of 111,967 points from 467 contacts and 71 multipliers. This would have been second place in Washington last year (Behind WA7FOE of Olympia - 114,057 points from 531 contacts and 69 multipliers) .` Not bad in my opinion for really a low-key effort (We had to take a break to have a Field Day meeting). Just think what we could have done if we really got serious and stayed on the air the entire contest period. W7DK HAS THE FACILITIES TO BE COMPETITIVE IN ANY CONTEST!

Thanks to AJ7R, K7YLM, KB7NAG, KC7AVT, N7EPD, N7VGO, WA7UQV, WB7AUJ, and WB7DFQ for putting W7DK on the air.

Up-coming contests

AUG	6-7	ARRL UHF Contest
AUG	6-7	North American QSO Party (cw)
AUG	6-7	QRP ARCI Summer Daze SSB Sprint (phone)
AUG	12-14	ATV Quest Contest
AUG	12-14	European DX Contest (cw)
AUG	20-21	KCJ (Keyman's Club of Japan) Contest (cw) single operator only
AUG	20-21	New Jersey QSO Party
AUG	20-21	North American QSO Party (phone)
AUG	20-21	SEANET Contest (phone)
SEP	10-11	ARRL VHF QSO Party
SEP	24-24	Washington State Salmon Run

Would you like to take one of these contests and organize a team to put W7DK on the air?

RCT very much needs a Chairperson for a contest committee. **COULD THAT BE YOU??** David, WB7AUJ

For Sale
Wilson System 40 Tribander - 3 monoband antennas in one - Boxed, as is - $250
Call Bob, KB7BL, 564-3956

Amateur Radio Exams in the Puget Sound Area as of July 19, 1994

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, Kirkland - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 10 AM - North Seattle Comm. College, Rm 3343, 9600 College Way N. - Contact Mike Mitchell, W7WHT, 282-1438, Seattle

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, Kent - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

2nd Tuesday - 6:30 PM - Everett - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd & 4th Thursdays - 7:00 PM - Ft. Lewis Radio Club - Contact John Steele, KG7RX, 491-4682, Olympia

2nd Saturday - 10 AM - Tukwila - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - Auburn - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - Ferndale - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - Renton - Good Neighbor Center, 305 S. 43rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - Sultan - 10 AM - Sultan Elementary School - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - Aberdeen - Pearsall Center, 2109 Sumner Ave - next session - Sept 17. Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - Stanwood - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - Everett - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - Marysville - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

August 13, Saturday, 10 AM at Charles Wright Academy, 7723 Chambers Creek Rd. W., Tacoma.

4th Saturday - 9:30 AM - Bremerton - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9 AM - Olympia - Olympia Center - 222 Columbia North - Contact John Steele, KG7RX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306-80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

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Introduction to Packet Part 7

by Larry Kenney, WB7LOZ

W0RLI, N6VV and VE3GYO devised a scheme called IERARCHICAL ADDRESSING for messages forwarding on acket. With hierarchical routing designators we are able to mprove traffic routing. No longer will a missing call in a BBS orwarding file cause a message to remain unforwarded, ysops will no longer have to burn the midnight oil trying to eep their forward files up to date and messages will move nuch more directly toward their destination.

The format for hierarchical routing is: addresse @ BScail. local area. state-province. country. continent. xample: WB9LOZ @ W6PW. #NOCAL.CA.USA.NA.

It might look complicated, but it's not. First, note that ach section of the format is separated by a period. Codes sed for the continents and countries are standards, now ccepted throughout the world. You should be able to find a st of them in the file section of your BBS. State and province odes are recognized two-character codes established by the merican and Canadian Post Offices. These may be found in e Callback, your phone directory, or any zip code listing. on't guess on the state and province code if you aren't sure hat it is, and make sure you use only the two letter bbreviation. You could send the message to the wrong state r province or keep it from being forwarded altogether. The ode for the local area is optional, since most of you have no ea what code is being used in upper New York state or Iowa ity, IA. If you know it, please use it, since it will help get the essage closer to where it's going directly. The code for orthern California is #NOCAL, the code for Central California #CENA and the code for Northern California is #NOCAL. he code for Central California is #CENCA, and the code for outhern California is #SOCA. You should use the ppropriate one in the signature line at the end of each essage you send. For messages going outside of the US or anada, the local area ia again optional and the state-rovince is not used.

Using the hierarchical format, here are some examples:

KB6LQV @ K6RAU. #NOCAL.CA.USA. NA
WB6LYI @ K6VE.#SOCA.CA.USA.NA.
KC3XC @ N4QQ.MD.USA.NA.
VE3XYZ @ VE3RPT.ON.CAN.NA.
JA1ABC @ JA1KSO.#42.JPN.AS.
VK4AHD @ AX4BBS.AUS.OC

You'll note that the local area code is preceded by the ctothorpe [now, how's that for a $5.00 word?], better known s the number or pound sign. The reason is that the apanese's network, and possibly other area, use routing umbers for the local area, which could get confused with zip nd postal codes. Using the # on all local area codes will liminate forwarding problems.

We need to emphasize two very important points: ierarchical addressing **DOES NOT** indicate a forwarding **ATH** and **ONLY ONE BBS** call should be included in the ddress. A list of BBS calls separated by periods will not get our message to its destination. In fact, it can cause your essage to loop between BBS and your message probably on't be delivered. The hierarchical address as an example, VB9LOZ @ W6PW.#NOCAL.CA.NA, here's how you would escribe the address: "WB9LOZ at W6PW which is in orthern California which is in the USA which is in North merica".

SING THE HIERARCHICAL ADDRESS: This next section xplains how the BBS software uses the hierarchical ddressing scheme. We firs have to understand how the oftware goes about matching item in the "@ BBS" address ith items in the forward file. For example, lets say that we send a message to Mark, KC3XE, who uses the N4QQ BBS located in Maryland. We would enter: SP KC3XE @ N4QQ.MD.USA.NA.

If the only entries in the forward file are California BBS plus a list or state abbreviations, let's see how the message would be forwarded. The first thing the software does attempt to find a match between the items in the forward file and the left-most item in the address field. In our case, it would not find N4QQ. If there isn't a match, it then moves to the next section to the right. It would find MD and that match would allow the message to be forwarded. If it had found the call N4QQ, that entry would take precedence [because it is more left in the field than MD] and would of course ensure delivery.

Here are some comments from the ones who devised the hierarchical addressing: "There is another added benefit to this scheme. It involves Gatewaying between the BBS world and other networks, such as TCP/IP via SMTP. Much of the pioneer work in setting up the Gatewaying protocols has been done by NN2Z, N3EUA and PA0GRI amongst others. The W0RLI BBS package allows for the forwarding of mail between the BBS world and the SMTP world. Of note is the fact that the WA7MBL package has allowed such message exporting and importing for some time now. This means that we can take advantage of the TCP/IP host-names and their domain or hierarchical format for forwarding. Thus it is possible to send mail from the BBS to VE3BTZ as ve#btz@pc.ve3btz.ampr.org or from SMTP to w0rli,.or.usa.na and not have any ambiguity."

"The authors hope that this paper will serve as a starting place for improved message routing by means of implicit routing. Low-level [VHF] BBSs need only maintain state or province or country codes for the distant BBS, and route such traffic to their nearest HF Gateway. In turn, the HF station routes it to the desired state, where the receiving Gateway station would have a detailed list of the BBSs it serve."

Comments from W0RLI, N6VV and VE3GYO

INTRODUCTION TO PACKET RADIO PART 8

by Larry Kenney, WB9LOZ

This part of the series discusses the various parts of the packet message. The following is an example of what you see when listing messages on a BBS. On some systems the information is displayed in a different order, but the same information is given.

```
MSG # STAT SIZE TO FROM @ BBS DATE/TIME SUBJECT
4723 P 1084 WD5TLQ WA6XYZ N5SLE 0604/1240 Software
working great!
4721 BI 771 PACKET WB9LOZ ALLUSW 0604/1154
INTRODUCTION TO PACKET
4717 BF 2387 EXAMS W6NLG ALLCAN 0604/1020 FCC
Exams: June - Dec.
4715 T 275 94114 W1AAR 0604/0959 QTC San Francisco
415-821
4712 BF 918 ALL N6ZYX ALLCAN 0604/0845 9600 BAUD
DEMONSTRATION
```

The **MESSAGE NUMBER** is assigned by the BBS program when the message is received and it cannot be changed. The numbers are assigned sequentially.

The **STATUS** of the message includes several different bits of information. The first letter of the STATUS indicates the TYPE of message: B for Bulletin, P for Personal, or T for Traffic for the National Traffic System. Bulletins are messages of general interest to all users, and they can be read by everyone using the system. Personal messages are listed only for the sender, the addressee and the sysop, and they're the only ones that can read them. The list above would have to have been requested by WA6XYZ. Can you see why? It lists an outgoing personal message. (NOTE: Although personal messages can't be read by everyone using the BBS, anyone in monitor mode can see a personal message as it's being sent over the air, of course.) Traffic messages, type T, are listed and can be read by anyone. In fact, all users are encouraged to participate in the delivery of NTS messages addressed to your area. (Refer to part 12 of this series for information on NTS messages.)

STATUS also shows if the message has been read, has already been forwarded to all designated stations, is in the process of being forwarded, or is an "old" message. You might see one of these letters: Y - yes, it has been read, F - it has been forwarded, I - it's in the process of being forwarded right now on another port, or O - the message has been on the BBS long enough to become an "old" message. "Old" can be anywhere from 2 days for an NTS message to 3 weeks for bulletins. The time frame for each message type is specified by the local sysop. The "O" is mainly used to catch the attention of the sysop.

The **SIZE** indicates the combined total of characters, including punctuation, in the message.

TO is the callsign of the addressee for personal messages and either the topic category or interest group for bulletins. While you might find messages addressed TO AMSAT, TO PACKET or TO SALE, they're actually messages about AMSAT, about PACKET or about equipment for SALE. You're apt to see anything in the TO column: ALL, SFARC, USERS, EXAMS, CODE, SALE, WANTED, SAT, PACKET, etc. For NTS messages, TO is the zip code of the addressee.

FROM shows the callsign of the station originating the message.

@ BBS is used if you want a message to be forwarded to someone at another BBS or for general distribution using a forwarding designator. In the list shown above, the personal message would automatically be forwarded to WD5TLQ at the N5SLE BBS. By entering a special designator, such as ALLCAN, in the "@ BBS" column a message can be forwarded to specific areas. (See Part 6 and 7 of this series for details on addressing messages and using forwarding designators.)

Next is the **DATE** and **TIME** showing when the message was received at the BBS you're using. If the message originated at another BBS, the date and time when the message was originally entered will be shown in the forwarding headers, as explained below, and at the top of the message when you read it. The date and time indicated can be either local time or GMT (Zulu time) depending on the time used by the BBS.

The **SUBJECT (or TITLE)** is a short line telling what the message is all about. It should be brief with a maximum of 30 characters, but it also should be informative. For bulletins, this is the information that really determines whether or not someone is going to read your message when he sees it in the message list.

The parts of the message mentioned so far are all included in the header of the message, and are seen when listing messages. The hierarchical address and the message ID are not shown in the normal listing. On some systems, entering a semicolon after the list command (Example: LL 25 ;) will give you more information about the message, such as the message ID, the full hierarchical address, number of times the message has been read, etc.

If a message has been forwarded from another BBS, forwarding headers are added at the top of the actual message text. This is information added by each BBS that is used to get the message from its origination point to
destination. Each BBS adds one line showing the time
message was received by that particular BBS, its call si
and usually the QTH, zip code, and message number. Other information is of
added, at the discretion of the sysop there. If you use the
command, rather than just R, when reading a message, su
as RH 7823, you'll receive complete headers. With just the
headers are reduced to a list of the BBS callsigns. T
complete headers are useful if you want details on the pat
message took to reach you or how long it took to
forwarded from system to system from the source
destination.

The **TEXT** of the message contains the information y
want to convey to the reader. It can be of any length. Wh
entering a message into a BBS, use carriage returns at
ends of your lines, as if you were using a typewriter. T
normal screen width is 80 characters, so you should ente
carriage return prior to the 80th character on each line. Do
allow the automatic wrapping of lines to occur. A messa
entered without carriage returns is very difficult to read,
words are cut at improper points, lines vary drastically
length, and blank lines are often inserted.

You should include your name, call and packet addre
at the end of the text so that the person reading your messa
will be able to send a return message to you if he or s
wishes to do so.

Messages that are going to be forwarded to several BB
or across a long distance should be limited in size. Extrem
long messages can tie up the forwarding syst
unnecessarily, so users are advised to break up lo
messages into parts.

RADIO CLUB OF TACOMA
MINUTES FOR REGULAR MEETING
JUNE 22, 1994

The meeting of the Radio Club of Tacoma was called
order at 7:35 P.M. by President Jim Kirkreit, K7YLM, with
members and 2 guests present. A quorum is present
conduct official business.

ANNOUNCEMENTS:

7/13/94 - RCT Meeting "Ham Radio in Poland" Fra
Billington, KG7HB. 7:30 PM at the Library Administrati
Center - 112th E and Waller Rd.

7/14/94 - RCT Packet Meeting 7:00 PM at RCT Clubhou
1249 So Washington

7/27/94 - RCT Meeting "QRP" Stan Warburton, N7KM
7:30 PM at the Library Administration Center 112th E a
Waller Rd.

8/13/94 - RCT Flea Market at Charles Wright Academy.

8/13/94 - RCT All License Class VE Testing at the Fl
Market - 10:00 AM

8/28/94 RCT 78th Anniversary Celebration at McCho
Holiday Park.

FIELD DAY: David, WB7AUJ, lead the discussion whi
centered around final preparation for Field Day setu
operating and tear down on Sunday. Dick, WB7CRR, show
a W7DK Field Day film from 1956 when W7DK was the 7
District Winner. He then presented the film to the club.

NEW CALLS AND UPGRADES:

NEW CALL: Laura Nelson, KC7CQU

UPGRADE: Al Burleson, Waiting, General Class a
passed 20 WPM.

HINTS & KINKS, TUNING AND TRAFFIC, ETC.: Ji
K7YLM, passed out a reprint, "The Poor Man's Occasior
Antenna".

HEALTH & WELFARE: Elva Steklenburg and Donald O'Keefe are now Silent Keys.

TREASURER'S REPORT:

GENERAL FUND CHECKING	1,012.95
REPEATER/PACKET FUND CHECKING	1,063.70
FLEA MARKET CHECKING	1,022.76
MURPHY FAVRE SAVINGS	10,344.86
SCHOLARSHIP MEMORIAL CD	2,520.09
CASH ON HAND	0.00
TOTAL ALL ACCOUNTS	$15,964.36

MEMBERSHIP: There are 532 members as of this date for 1994.

MINUTES: Previous minutes are available at the front of he room.

RACES/ARES: Shirley, N7QHW, announced that the RCT is ow an Official Emergency Station(OES) which is an ARES ppointment. Kathleen, N0EYK, will frame the certificate. Events still coming are the Old Soldiers' Home July 4 elebration and "Tour de Pierce" the second weekend in July. There will also be a Mass Casualty Exercise with McChord on uly 12, 1994 but details for volunteers needed are still ketchy at this point. To volunteer for Public Service Events, ontact Irene, KB7IGW, at 927-5793 and to volunteer for the Communication Exercise, contact Tom Stanley, KB7VOO at 58-4713.

AROWS: Marilyn, KB7PKH, President of AROWS, nnounced that the Father's Day Breakfast was a great uccess. Food preparation for Field Day is this weekend and olunteers are needed. It will be a potluck on Saturday vening and Russell, KB7UXK and Marilyn will do the reakfast honors. The next meeting is July 20, 1994 and will e a Salad Potluck at the RCT Clubhouse at 6:30 PM.

ACKET GROUP: There will be a meeting for those nterested in packet Thursday, July 14, 1994 at the RCT lubhouse at 7:00 PM. The BBS is now up and running.

Jim, K7YLM, reports there is now a new digital phone at 00 Megs that has a new security code each time it is hung p and has a range of one-half mile.

WWA FAIR: Kathleen, N0EYK, is chairing the WWA Fair ooth for the RCT this year and has her sign-up sheet for anning the booth ready for volunteers. It is filling up fast so et your name on the list. Only 2 people in the booth at a me is requested.

EW MEMBER CERTIFICATES: New member certificates re available for James Halliburton; Donna Halliburton; Fred loyd, WA7SJD; Laura Nelson, KC7CQU; and Archie anValkenburg.

OGGER CONTACTS : Endorsements were available for ressie, KC7BAL; Daniel, KC7BMK; Veda, KC7BMP; Ed, C7BAI; and Dan, N7QWH.

Certificates were available for Les Smith, KC7BYN; Ted urford, KC7CAX; and Ken House, KB7SOU.

DJOURNED: The meeting was adjourned at 9:05 PM.

Respectfully submitted,
Shirley Murphy, N7QHW, Secretary RCT.

ADIO CLUB OF TACOMA, INC.
OARD MEETING MINUTES
ULY 6, 1994

The Radio Club of Tacoma Board of Directors meeting as called to order at 7:30 PM by President Jim Kirkreit, 7YLM. There were 8 board members and 12 guests present. quorum is present for conducting official business.

REASURER'S REPORT

eneral Fund Checking	532.29
epeater/Packet Fund Checking	1,063.70
lea Market Checking	973.97
Murphy Favre Savings	10,344.86
Scholarship Memorial CD	2,520.09
Cash on Hand	0.00
Total	$15,434.91

MINUTES: The minutes of the May 4, 1994 Board meeting were available.

MEMBERSHIP: Total members for 1994 as of today is 534.

SOLICITATION POLICY: Ray, W7KFN, handed out to each board member previous to this meeting a draft Solicitation Policy. Jerry, W7BUN, moved we approve the Solicitation Procedure as revised in the May 20, 1994 revision. Seconded by Shirley, N7QHW. MOTION PASSED UNANIMOUSLY.

DONATION: Mac, W7MSR, reports that the club has been given 21 radios which are apparently in working condition and requests approval of the board to accept them and decide what should be done with them. The Board approved accepting them and will let Mac decide what should be done with them.

BY-LAWS: Jerry, W7BUN, would like to know the wishes of the board related to categories of membership. He moved that the board recommended to the By-Laws Committee that the category of Associate Member be dropped and also the requirement that members be licensed be dropped. Seconded by Alan, N7EAY. Four YES votes and Four NO votes. TIE VOTE. This will be relayed to the By-Laws Committee.

EMERGENCY COMMUNICATIONS: It is suggested by several Board members that there is now a need to form a group of trained volunteers to be able to operate the radio station under emergency conditions and it would be best served if there were a chairperson to coordinate these efforts. Jan, N7QHU, has been suggested. Shirley, N7QHW, at the request of the President will speak with Jan and see if she would be interested in doing this.

TRAINING PROGRAM: The Long Range Planning Committee had suggested that the Training Program should have an outside(i.e. not a current instructor) evaluate the program and determine if it is meeting the needs of the community or provide feedback as to what is needed if it is not meeting the community needs. Jim, K7YLM, will find someone to chair this committee.

FLEA MARKET: Alan, KB7SVU, reports that most of the tables are sold and everything else is on target. There will be a meeting on July 21 at 7:00 PM at the RCT Clubhouse and also on August 10 at 7:00 PM at the RCT Clubhouse. Talk-in frequency will be 147.28 repeater.

MC CHORD HOLIDAY PARK FUNCTION: Jerry, W7BUN, reports we will be sharing the facilities with another group this year but there should still be plenty of room.

PACKET FUNDING: Jim, K7YLM, reports there are still existing needs for the packet station and requests the board support it by providing funding for equipment needs. The Board requests that the packet committee provide the board with a list of their needs and projected costs so a decision could be made related to this.

W7DK HATS: An anonymous donation has been to the club for purchasing hats that say on the front "W7DK RADIO CLUB OF TACOMA". The style of the hat would most likely be a baseball cap style. Shirley, N7QHW, reminds everyone there are also ladies that help and this might not be the best style hat for everyone.

SCHOLARSHIP: Kathleen, N0EYK, has provided a list of steps the committee will be doing in order to reactivate the process. They are as follows:

a. Establishment of means of funding the program beyond the current nest egg and to determine a reachable funding goal.

b. Develop a qualification procedure.

c. Develop an application process.
d. Develop a selection process.
e. Work up a publicity plan.
f. Establish a presentation event, probably yearly.

BELT BUCKLE PROGRAM: Jerry, W7BUN, reports the estate which is donating the equipment to the RCT will be settled this month and we need to appoint someone to be responsible for the equipment and to contact the family and make arrangements for moving the equipment. Kathleen, N0EYK, had volunteered and would still like to do this. She and Ray, W7KFN, will contact the family and take care of the arrangements.

CORRESPONDENCE: Shirley, N7QHW, reports that she has sent thank you letters to Harold LeMay and also to Al Ambrogio. If there are more letters needed for Field Day, please let her know.

FIELD DAY: David, WB7AUJ, has submitted a Field Day Report(attached) for a very successful Field Day this year. The site seemed to be positive and well received by all participating. Mr. LeMay apparently has indicated we could use the site again next year. Shirley, N7QHW, expressed a big THANKS to David for all of his hard work at the eleventh hour and chairing Field Day this year.

David also would like to see the club participate in more contests. He reports that Eric Olson, N7EPD, has indicated he would be willing to write an article for the Bark on "HOW TO CONTEST". It is suggested that we perhaps need a Contest Chairperson and Jim, K7YLM, will find someone to do this.

ADJOURNMENT: Meeting adjourned at 9:40 PM.

Respectfully submitted, Shirley Murphy, N7QHW, Secretary

ATTENDANCE RADIO CLUB OF TACOMA BOARD MEETING JULY 6, 1994

President	Jim K7YLM
Vice-President	Alan N7EAY
Secretary	Shirley N7QHW
Treasurer	Jerry W7BUN
Board members	Mac W7MSR

Denny, KB7NAG; Rich, N7ANF; Kathleen, N0EYK

Guests: Judy AJ7R; Rob K7TGU; Ray W7KFN; David WB7AUJ; Marilyn KB7PKH; Alan, KB7SVU; Dolly Mattice; Al, KD6HXI; Roger, K7AYC; Ralph, KA7FIG; Mike, KB7VNT and George WA7BHH.

RADIO CLUB OF TACOMA
MINUTES FOR REGULAR MEETING
JULY 13, 1994

The meeting of the Radio Club of Tacoma was called to order at 7:35 P.M. by President Jim Kirkreit, K7YLM, with 66 members present. A quorum is present to conduct official business.

ANNOUNCEMENTS:

7/14/94 RCT Packet Meeting 7:00 PM at RCT Clubhouse 1249 So Washington

7/27/94 RCT Meeting "QRP" Stan Warburton, N7KMF. 7:30 PM at the Library Administration Center 112th E and Waller Rd.

8/3/94 RCT Board of Directors Meeting RCT Clubhouse 7:30 PM

8/10/94 RCT Meeting d"Final Plans for the Flea Market" 7:30 PM at the Library Administration Center 112th E and Waller Rd.

8/13/94 RCT Flea Market at Charles Wright Academy.

8/13/94 RCT All License Class VE Testing at the Flea Market 10:00 AM

8/24/94 RCT Meeting "10-10" 7:30 PM at the Libr
Administration Center 112th E and Waller Rd.

8/28/94 RCT 78th Anniversary Celebration at McCh
Holiday Park.

NEW CALLS AND UPGRADES:

NEW CALL: Dan Hermosillo, KC7CUQ
UPGRADE: Robert Watson, KB7NXF ADVANCED
Don Olson, KB7GKB EXTRA
Marilyn Olson, KB7PKH ADVANCED

HINTS & KINKS, TUNING AND TRAFFIC, ETC.: Ji
K7YLM, passed out a reprint, "A Penny-Pinching 10 Me
Apartment Antenna".

Mike, WB7DFQ, presented Jim, K7YLM, with a new
hat.

HEALTH & WELFARE: Bud, N7FQR, is here a
continuing to improve. Welcome back.

MEMBERSHIP: There are 534 members as of this date
1994.

MINUTES: Previous minutes are available at the front
the room.

RACES/ARES: Tom, KB7VOO, RACES OFFICER
Pierce County announced that there will be TAC O
training this weekend from 1-4 PM at Thun Field a
reminds everyone of the Mock Search coming up in Aug
the weekend of the 20th. To volunteer contact Tom Stanl
KB7VOO at 458-4713 or Dave Brinkmann, N7UNN, at 7
9191.

PROGRAM: Frank Billington, KG7HB, presented
program this evening. He shared with those present ma
pictures of his trip to Poland as well as he and his wif
adventures into Poland to adopt three little girls. While the
he was able to meet some local hams and they help
Frank through the process of becoming licensed in Pola
which was successful so he could operate from there. Th
hope to have their new daughters with them in August. Al
all, he felt the trip was very good and everyone he dealt w
was very friendly and helpful. Thank you to Frank
presenting this very interesting program on his trip to Pola

AROWS: Marilyn, KB7PKH, President of AROW
announced that the Father's Day Breakfast was a gre
success. Flea Market food planning is well underway a
going well. The next meeting is July 20, 1994 and will be
Salad Potluck at the RCT Clubhouse at 6:30 PM.

PACKET GROUP: There will be a meeting for tho
interested in packet Thursday, July 14, 1994 at the R
Clubhouse at 7:00 PM. The BBS is now up and running.

WWA FAIR: Kathleen, N0EYK, is chairing the WWA F
Booth for the RCT this year and has her sign-up sheet
manning the booth ready for volunteers. It is filling up fast
get your name on the list. Only 2 people in the booth at
time is requested.

FIELD TRAINING SESSION: The next session is Aug
28, 1994 at the McChord Holiday Park and will be "Verti
Antenna Day".

FLEA MARKET: Alan, KB7SVU, announced there will be
meeting on July 21, 1994 at 7:00 PM at the RCT Clubhous

NEW MEMBER CERTIFICATES: New memb
certificates are available for Carolyn Van Valkenbu
Margaret Thomasson, KC7AZX; and Garrett Pessemi
KB7IOG.

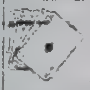
LOGGER CONTACTS : Endorsements were available
Dick, W7RGD-2 and Al, K5EAF.

ADJOURNED: The meeting was adjourned at 8:50 PM.

Respectfully submitte
Shirley Murphy, N7QHW, Secretary R

August 1994

W7DK ANNIVERSARY MONTH

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 #JIM'- N7RUL # MARK-KB7ZFT	2 147.28 NET 7:30 PM ----------------- # 'RENE' SMITH #'BOB' KB7TQA	3 Board Meeting Club House 7:30 pm. # WILMA PARKINSON	4	5 #MARGARET-KC7AZX	6 # FRANK- KG7HB # DUANE-KC7AIH # BRET - AB7AI
7 #JIM'-N7IZD #'EVE'-WB7QNS # ED - KB7FEW # DAN - KC7BMK	8 # 'BOB'- N7YFG	9 147.28 NET 7:30 PM ----------------- #'ED'-KA7LGV # FRAN LEROY	10 W7DK MEETING Library 112 St. E.& WALLER RD. 7:30pm # DON -K7QLC # VEDA -KC7BMP	11	12 # RALPH -K7ITW	13 SALE *RCT FLEA MARKET & License Exams*
14 # 'BOB' KB7NBQ # BOB - KB7WQH	15 #'BOB'-KB7NBF	16 147.28 NET 7:30 PM ----------------- MVWS VE TESTS # JACK-K7DBU # DEAN-WB7EJO	17 ARROWS (Pot Luck) Clubhouse 6:30pm	18 *Packet Meeting Clubhouse 7:00pm*	19 # JON KB7YQT	20 *LOGGER'S BARK "DEADLINE"* # BRENT KB7YQV
21 # BOB N7QOZ # BOB WA7OEU	22  LADY'S PINOCHLE CLUB-HOUSE NOON # MARION-WV7Z	23 147.28 NET 7:30 PM ----------------- #'BOB'-KF7KI #"PEGGY"-N7IRW #'EV'- W7CZK #'MIKE'-KI7YB	24 W7DK MEETING LIBRARY 112 St. E. & WALLER RD. 7:30pm # RALPH-KA7TIG # NANA N7OIN #'DON'- KB7ZKY	25 # JOHN-N7KOW	26 # DORIS W7BHI	27 #MARILYN KB7PKH
28 *RCT's 78th Anniversary Picnic* #'GENE' W7BTV	29 #'MAX'- W7AEA # 'BUD' N7FQR	30 147.28 NET 7:30 PM ----------------- #'GENE'- W7IIU	31 ARES MEETING Clubhouse 7:30 #'DAVE'KB7TTD # BUD SARTIN # CANDY-KB7KJX #'BOB'- KG7DB			

July

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

September

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

Happy Birthday!

RADIO CLUB OF TACOMA, W7DK

NEW LOCATION, BIGGER AND BETTER

NEW LOCATION, BIGGER AND BETTER

Tacoma Electronics Fleamarket

Saturday, August 13, 1994
Charles Wright Academy
7723 Chambers Creek Rd West
Open 9 AM to 3 PM

Admission $4 (12 and under **FREE**)

Overnight RVs: $2 (Self Contained - Friday Night Only)

RVs: Pay upon arrival and recieve parking assignment

☞ **FREE Parking** ☞ **Ham Gear**

☞ **Commercial Displays**

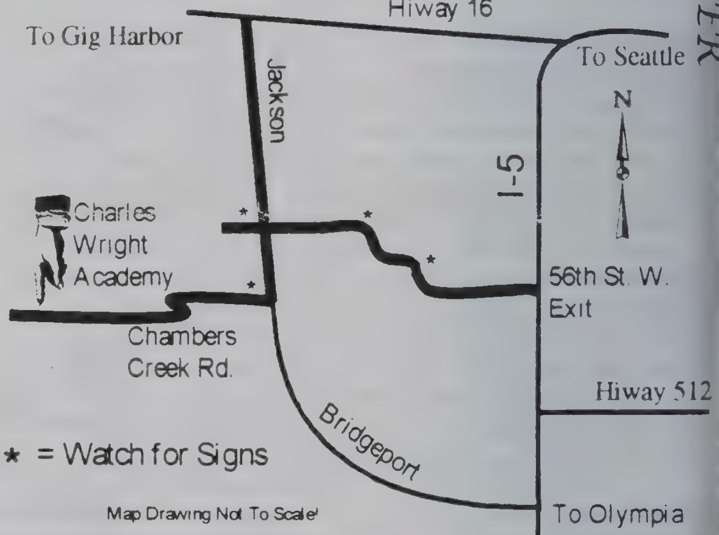
☞ **Computers & Electronic Equipment**

License Examinations - 10 AM

Bring original plus photocopy of license and a check for $5.75 made out to ARRL/VEC

☺ **Talk - in on 147.28+** ☺

For More Info call:
206-840-4947 or 206-475-7413

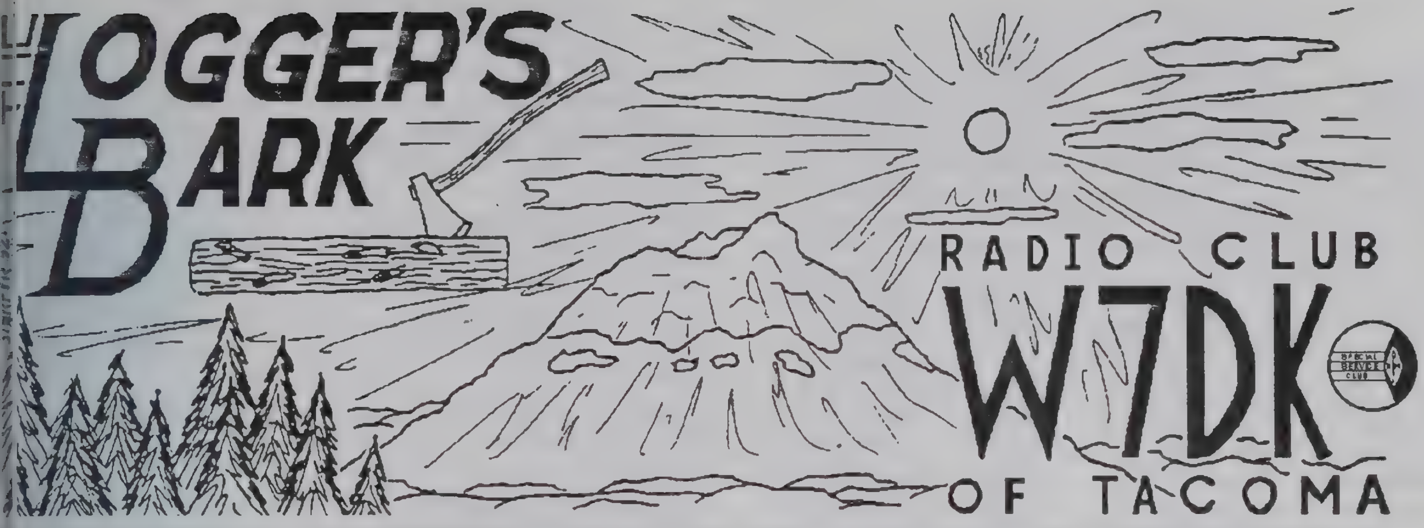

Hiway 16
To Gig Harbor
To Seattle
Jackson
I-5
N
Charles Wright Academy
56th St. W. Exit
Chambers Creek Rd.
Hiway 512
Bridgeport
★ = Watch for Signs
Map Drawing Not To Scale
To Olympia

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

ADDRESS CORRECTION REQUESTED

NON PROFIT ORG.
U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

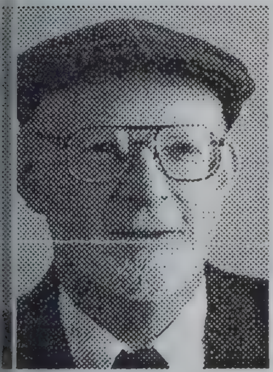
LOGGER'S BARK



L. XXXI NR.9 | W7DK | SEPTEMBER 1994

From The President

de Jim K7YLM



Who are we? We are the Radio Club of Tacoma. We are amateur radio operators. We are ham operators. To all of us, this is pretty routine within our ham club. But when we talk to someone on the street or at one of our outdoor events, the comments are a bit different. In general, the public has no idea of the capabilities what ham radio can do. In fact, many will tell us that there is no such thing. What be done to let people know the advantages of our activity? ove all, how can we inform our community of the services we provide?

We have started by advertising our events in many local ers. We have invited the public to observe a few of the hgs we can do. Whenever possible, we have conducted our nts in places readily accessible to all. We have provided ch interest with our **"W7DK at the Beach"** and **"W7DK at Lake."** Even our Field Day and our Flea Market attracted a f interest by the public. The Puyallup Fair is probably our t amateur radio information source for this area. Where we go from here? A group of us are going to set up an HF ion with phone and CW, a VHF station and a packet station ocal shopping centers, parks and business parking lots. We have some handouts, which will tell about amateur radio and club. We plan to have a blackboard to record our contacts possibly a small PA system to advise the public about what are doing.

We, the ***Radio Club of Tacoma***, need your help. We will ed operators, helpers and members to talk with those who interested and any one else who will listen.

What is to be gained? First, we can let our citizens know of outstanding capabilities of amateur radio. I am sure we can nerate a lot of interest and good will. As an extra benefit, we get some people started in ham radio and, with luck, a few join our fine club.

If you would like to help, call, Jim, K7YLM, at 927-7825 or vid, WB7AUJ, at 584-3620

Packet Radio

On Thursday, August 18, we had our first basic training session at the clubhouse. We had five packet training stations and a number of handouts. Joanne, N7VPB, provided us with a fine presentation on basic packet. She covered methods of getting on line with the bulletin board, reading bulletins, sending and receiving messages and information on how to find all that packet radio has to offer.

Mario, KD6ILO, told us about hardware, systems and how to connect our radios to a computer. It was absolutely the best! If you missed it, don't worry...we will do it all again in the near future.

Digital communications are the wave of the future. Join the fun. We are anxious to help you get started. **Jim, K7YLM**

Winter Radio Theory Class Planned

A Complete Radio Theory course will begin October 1st at the Clubhouse if there are enough people to sign up. The class will meet every Saturday from 8:30 to 10:30 AM, and will run from October through April. Students will not require any previous background in electronics, but at the completion of the course will be able to read schematic diagrams and have enough knowledge to pass most amateur license exams. The classes are free and numerous handouts will be used instead of any required textbook. Two hours per week will be necessary for the study and homework assignments. Continuing Education Units (CEUs) will be issued to all who complete the course. If you are interested and can make the commitment to attend every week. To register call: Jerry Seligman, W7BUN, 845-7652

RADIO CLUB OF TACOMA
1994

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V PRESIDENT	ALAN ALLEN	N7EAY	475-7413
SECRETARY	SHIRLEY MURPHY	N7QHW	759-5350
TREASURER	JERRY SELIGMAN	W7BUN	845-7652
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****

CLUB MEETINGS

7:30 pm
Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411. 206 / 759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Mail all articles and advertising to Ralph Fuller, KA7FIG, 8208 Southway SW. Tacoma, WA. 98498. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO ***THE LOGGER'S BARK***, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK / Radio Club of Tacoma

147.88 / .28 MHz	144.97 - Packet
147.98 / .38 MHz	441.00 - Packet
224.52 MHz	

New Members as of August 22, 1994

ROBIN CARTER, WA7BRI RCT# 1757
BECKY CARTER, KC7ETZ RCT# 1758
2721 42ND ST. NW
GIG HARBOR, WA 98335 858-2008

CHARLES WESTABY, KC7ETM RCT# 1756
1318 CORAL DR.
FIRCREST, WA 98466-5832 565-8973

CATHY DAUGHERTY, KC7ETY RCT# 1755
414 4TH ST. NE
PUYALLUP, WA 98372 841-1048

RUSS DONAHUE, KC7EKI RCT# 1753
4017 S. BRILL ST.
TACOMA, WA 98408 472-3587

TONY SPONARICH RCT# 1752
5415 66TH AVE. E.
PUYALLUP, WA 98371-3719 841-4503

ROBERT COOK, KB7YTH RCT# 1754
821 DOCK ST. 1-11
TACOMA, WA 98402 272-1948

LYNN A. JOHNSON RCT# 1759
7505 276TH ST. E.
GRAHAM, WA 98338 846-9478

Reinstatement

BURT CALEY, WA7QQK
824 26TH ST. SE
AUBURN, WA 98002 735-8298

Address Changes

HANK PEROZZO, W7UD
2601 JAHN AVE. NW STE 130
GIG HARBOR, WA 98335-7940

GEORGE MATTSON, KL7GCS
5911 208TH ST. E.
SPANAWAY, WA 98387-5736

KEITH HANSON, KB7THY
15904 91ST AVE. CT. E.
PUYALLUP, WA 98373-8941

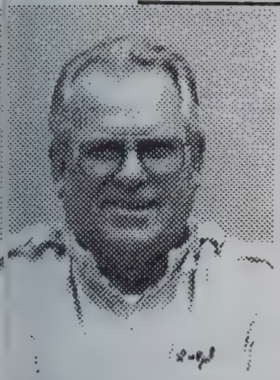
New Calls

JIM HALLIBURTON,	KC7ETS
DONNA HALLIBURTON,	KC7ETT
ARCHIE VAN VALKENBURG,	KC7ETO
CAROLYN VAN VALKENBURG,	KC7ETN
AL BURLESON,	KC7DDA
DANNY HERMOSILLO,	KC7CUQ
JONMARIE SPINDOR,	KC7DKH
NORM HOPPE,	KC7DCN
JOE HAYES,	KC7CBO
BRIAN LEE,	KC7FAE
JAN CARLSEN,	KC7EUA

Join Or Renew ARRL Membership Through Your Club

Don't forget when you join the ARRL or renew your ARRL membership, please do so through your Club. The Club gets a small commission, and you save having to supply a stamp. Also, for those joining for the first time, the ARRL will give you your choice of a free book. See the Treasurer For Details

The Editor's Log Pile



The last issue of the *Bark* was dedicated to Field Day. This month we are featuring the Flea Market held at Charles Wright Academy August thirteenth. In last month's issue we had lots of pictures. This issue we are replacing a lot of pictures with a lot of names of volunteers which is highly risky because we're bound to leave someone out.

When my granddaughter Jessica and I arrived at the Flea Market at about noon (I'm no dummy) to check out the ladies clinary cuisine; I discovered that three unnamed persons had lt their cameras at home. Since I live the closest, I rushed hme to pick up my instamatic to save the day with the cmera which I had used the week before on a trip we had tken. To my dismay the camera was empty. No film again. What is it, three strikes and you're out? We still have the crse of the Five Mile Lake Antenna Farm.

So to make the long story short, the pictures we have are o the tear down instead of the buildup and the action of the eent. And what a great event the Flea Market was! There ws lots of elbow room for the venders, sellers and patrons. Tere was lots of parking near the event. Instead of patrons wndering around hopelessly lost trying to find their cars, all o the while carrying their tons of booty, fortunately there were scurity people everywhere who could and would help them ot.

No one to my knowledge had any item lost or stolen. Tat miracle goes to all of the volunteers by their presence wich aided the Security crew. So let's do it again.

October's issue will be dedicated to the Antenna Rmodeling Seminar held at McChord August twenty-eighth ad the Western Washington Fair which seems to go on foever in the month of September, so I hope we caught you siling. We have a lot of catching up to do.

The Editor has decided to bring special *Bark* recognition to certain members, who have (in the Editor's opinion) made mjor *Logger*-like contributions to the Club. Alan Allen, N7EAY, is my first candidate.

Alan has become a W7DK VE. He has also spent numbers of hours teaching in DK's Technician program. Look behind the scenes of almost any RCT activity and there is Alan quietly helping any way he can to make the road a little better for the rest of us. As the Club's Vice President, Alan is one of the stabilizing influences on the Board of Directors. We, the Club and its membership, are bigger, stronger and better because of the dedication to aateur radio by Alan, N7EAY.

TIMBER

Contest for September.

Worked all alphabetical street names; i.e., Adams=A, Washington=W, etc. Give it a try. It's a great way to make sme new friends.

10-10 International

10-10 is a club that encourages the use of the 10 meter band. They do this using a number exchange as a means of getting amateur radio operators to get on 10 meters.

When you make contact with a member you collect their 10-10 number and pass yours on. After you have collected 100 numbers you send them in to the Bar Manager to get your bar. Each 100 numbers you collect gets you another bar. After you have 500 numbers you can qualify for a VP number. Then you get to collect other VP numbers. The only thing is you cannot collect a VP number if you don't have one. This is not the case of regular 10-10 numbers.

To get your own 10-10 number, you get on 10 meters and talk to ten 10-10 members. Write down their 10-10 number, call sign, name, QTH and date of the contact. When you have your ten members you send them along with $7.00 to the District Manager for your call area. At the present time area 7 goes directly to the Main Headquarters.

10-10 membership information may be obtained by sending $1.00, 2 first class stamps and an address label to:

Mike Elliott, KF7ZQ, #54625
10-10 Information Manager
9832 W Gurdon Court
Boise, ID 83704

You will receive the 10-10 Information Package which consists of the 10-10 information manual along with the latest copy of ***10-10 International News***.

The main headquarters (and District 7 Manager is:

10-10 International Net, Inc.
643 N 98th Street #142
Omaha, NE 68114-2332

10-10 also has a net every day but Sunday at 1800Z (10:00 AM our time). The nets are on 10 meters of course. That is where the club gets its name: "on 10 meters at 10 o'clock". A list of net control stations is listed in the 10-10 newsletter which comes out four times a year.

There are a lot of different types of awards to strive for once you start collecting those 10-10 numbers.

BAR AWARDS
(for each 100 contacts)
WORKED ALL STATES
WORKED ALL CONTINENTS
AND MORE

This just names a few. So spin that dial on the 10 meter band and start collecting those 10-10 numbers.

73 and Happy Hunting

Bob, N7QOZ

1994/1995 Pinochle Tournament

September 3rd will be the starting date of the Potluck/Pinochle sessions for the fall. It is on Labor Day weekend, but our players of the spring said they had no plans to be gone. If some will be away, keep in mind that you only need six of the monthly scores to complete for the final scoring. That is 6 out of 10.

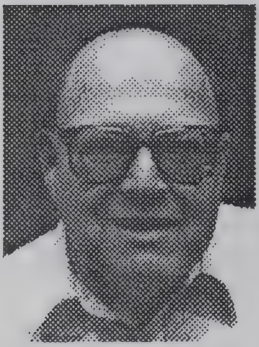
The Potluck dinner is at 7 PM. Bring a dish of something you would like to eat and when several do just that, it usually results in a very good well balanced meal.

We play regular pinochle., single deck, pass four cards, two games and draw for partners. The card playing follows the Potluck and it is 7:30 when we start to play. Game ends at 1500 score or one hour elapsed time. We are through with both games by 9:30 PM.

If you have any questions, call Ethel, W7WLX, at 752-3216. Everyone is Welcome!

News From ARRL & Westlink Report

de Jerry W7BUN



Amateurs upgrading their class of license or changing an address with the FCC will no longer get an automatic new 10-year term. Only new licenses and specific renewals will receive the full 10-year term. The FCC currently recommends that amateurs submit license renewal applications 60 to 90 days before their expiration date. The Commission said it intends eventually to mail license expiration notices to amateurs. In the meantime, the ARRL is sending license expiration notices to ARRL members. Another change in license procedures is the new "Tech Plus" category for those who have qualified by passing the Morse code test. Amateurs who became a Technician with HF privileges prior to June 8, 1994, must continue to retain their Technician license and the "Certificate of Successful Completion of Examination" (CSCE) in order to show that Tech Plus privileges are held.

Senator Barry Goldwater, K7UGA, has spoken out in favor of the no-code license. He said that since code is outdated and not so widely used in the military today, he believes the time has come to do away with the code requirements, even though he thoroughly enjoys code and can be found on CW many times each week. He also believes that "our" ability to handle national emergencies is justification in itself for our existence, and he is very opposed to charging for amateur licenses.

The recent story about hot dogs and health originated with John Peters, epidemiologist for the University of Southern California. Peters was conducting a study on the possible health hazard of electromagnetic fields (EMFs), and the hot dog question was a part of a side questionnaire. He said, "We were as surprised as anyone by the hot dogs findings. It was the biggest risk for anything we saw in the study about four times the risk for EMFs."

The widow of Guglielmo Marconi has died in Italy. The Marchesa M. Cristina Bezzi Scali died July 15, 1994, at age 94. The two were married in 1927. Marconi died in 1937 at age 63. The couple's daughter, Elettra is continuing the family's work in preparing for "1995, Year of Guglielmo Marconi," the centennial celebration of Marconi's first wireless telegraph.

Amateur radio observations in England and the U.S. have shown a correlation between noise at 21 MHz and the impact of fragments of comet Shoemaker-Levy-9 on Jupiter. A group of east coast hams listened to the radio noise from Jupiter using a homemade radio telescope made from wood and chicken wire, measuring 22 feet wide by 13 feet high.

CQ Magazine will celebrate 50 years of publishing in 1995 with a special anniversary issue of the magazine, operating awards, and a variety of other activities. The January 1995 issue of CQ will have a special section devoted to the anniversary, with articles on the past half-century in Amateur Radio and the history of CQ.

To commemorate 60 years of Eimac tubes, the members of W6AY, the Eimac Radio Club, will operate on September 17 from 1600 UTC to 2400 UTC, in the General class segments of the 40, 20, and 6 meter bands. For a certificate, send your QSL and a 9" X 12" SASE to Varian PGTP, W6AY, 301 Industrial Way, San Carlos, CA 94070-2682.

QST Managing Editor Al Brogdon, K3KMO, has been checking into the CW traffic nets with his motorcycle CW mobile station as he rides to and from work. Al checks in and sends his messages while under way, but he stops by the roadside to copy message traffic. "No, Officer, it's not a radar detector."

The FCC has proposed to reorganize several of its bureaus and offices. A new Wireless Telecommunications Bureau will be formed to handle personal communication systems and other emerging technologies. A new International Bureau will better meet the challenges of FCC's role in international telecommunications. The reorganization has to be approved by Congress as well as the labor union representing FCC employees.

Slivers & Splinters.

Ken, WB7QNT, is sporting a new car. Do we all get a demo? Bill, N7TEQ, is riding a new Gold Wing motorcycle with a reverse gear. (Don't use reverse over 25 MPH.) Mac, W6NBD, and Worth, W7WG, are just about ready to put Antique Wireless on the air. Rob, K7TGU, has his mobile antenna and rig installed in his car. M/CW Wow!.

David, WB7AUJ, is doing a super job on contests. He is looking for lots of contesters. Andy, KB7DOX, is helping his daughter take care of a sheep/llama ranch. Can we come by to pet them? Kathleen, NØEYK, is doing final preparations on the Puyallup Fair booth. There are still a few spots open to work. Give her a call at 862-8635. Ralph, KA7FIG, is always looking for articles for the *Bark*.

Bud, N7FQR, is getting back on his feet. Sure was great to see Bud up and around. Del, W7JG, is sporting the biggest, highest 10-15-20 meter beam in the area. Lots of super DX also. Eva, WB7QNS, is proud of being able to help several hundred people find the W7DK Flea Market. Thanks, Eva, you're the best!. Bob, N7QOZ, is the undisputed king of getting 10-10 contacts. Thanks for setting the standard, Bob.

Russell, KB7UXK, has many contacts with the Space Shuttle and the MIR Space Complex via packet. Show us how, Russ. JoAnn, N7VPB, did put on great training course on basic packet. Thanks for the super presentation. Pop, WB7WPQ, sure was great to see you at the Flea Market. Hope you found some nice toys. Denny, KB7NAG, and Alan, KB7SVU, went to Pendleton OR. in Denny's truck to help Dennis, N7TZQ, and Twila, KBØOBB, Jones on vacation from Missouri. They stranded themselves with a broken transmission. Denny towed them to Tacoma where Alan could do the repairs. Who but the Editor could bring a camera to the Flea Market with only two frames left on an empty roll. Especially since the three RCT Shutterbugs left their cameras at home

Alan, N7EAY, and son Joey, KB7UKX, at the Seahawks game Saturday met a guy near an elevator and Alan remarked "Don't I know you?" The reply, "I'm Ken Behring!" [Owner of the Seahawks] Alan stated, "I guess not."

August 13th License Exams

21 candidates took 38 test elements. 29 elements were passed for a pass rate of 76%. 12 of the 21 upgraded or received a new license for an upgrade rate of 57%. Licenses earned were: No-code Technician - 8; Technician Plus - 2; General - 1; and Advanced - 1. The next examination session sponsored by the Club will be December 31, 1994, 10 AM at the Clubhouse.

For Sale:

ME-26DU bench type multimeter
very nice unit - $20/OBO
Jerry, W7BUN, 845-7652

RACES
ARES

de Shirley N7QHW

Late July and the whole month of August has been a very active month for Pierce County. In the short span of a week, there were 3 eaches we were called out to support. We're happy to prt positive outcomes for each of them. In addition to the eglar searches, there was also a mock search. So if you a an interest in being trained to operate on TAC ONE and acipate in these activities, there are certainly a lot of portunities. Please consider joining us and being able to e out for the county communications.

Probably the excitement of the month centered around acipating in the communication needs for the fires in atern Washington. All OES stations in the state were sed to tune into the regular HF Washington State nergency Net frequency which is 3.987 MHz and be vlable on the air around the clock in their county to support omunications for the fires. The needs turned out to be aic handling and finding volunteers to be on site in Eastern Vshington. The net centered around administrative needs n/or functions and Health and Welfare traffic was passed nhe WARTS net and other traffic nets. Pierce County was unate in that we were able to keep the frequency staffed rund the clock. We started at 0830 on Monday, August 1 stopped on Monday, August 8. Throughout that time, e were several of us in Pierce County that were able to get experience of Net Control on more than one occasion.

In addition to participating in the HF net, we also had prators who were located at various complexes in Eastern Vshington as station operators. One of the members of ice County ARES had volunteered to take his motor home one sites and be a stand alone HF station at a key location. didn't get to go though, because he was put on hold at the venth hour and the following day they decided to send eryone home.

August 1-August 8 statistics for Pierce County are very ipressive. We logged 1200 man-hours, 4100 miles and 20 ople participated. These folks deserve a huge **Thank You** a it sure feels good to know there are great people out there edy, willing and able.

We were also fortunate this month in that we had a vunteer step forward and volunteer to be the manager for spital Team. He is Dick Marsden, N7RHV, who has been wrking as a hospital staffer for the past couple years at St. Jseph's Hospital so he has good past experience. Welcome k.

But the sad news is we also had a resignation of one of or key managers and will miss him a lot. Howard Young, RHM, has resigned as the Central District Coordinator and o as Zone 2 Manager. As of now there is not a placement. Is there anyone out there interested in filling this psition. If so, contact Dave Brinkmann, N7UNN, at 752-91 or Tom Stanley, KB7VOO, at 458-4713.

EMERGENCY PREPAREDNESS TIP OF THE MONTH

Remember those six basics you should stock in your me, 1) Water, 2) Food, 3) First Aid Kit, 4) Tools and ipplies, 5) Clothing and Bedding and 6) Special Items. We vered water and food the past 2 months, so we'll go on now to the First Aid Kit. This information is directly from a FEMA and RED CROSS brochure on Emergency Preparedness.

FIRST AID KIT

You should have 2 first aid kits--one for your home, the other for your car, if you have one. An emergency first aid kit should include:

Sterile adhesive bandages in assorted sizes, 2 and 3-inch sterile gauze pads, hypoallergenic adhesive tape, Triangular bandages, 2 and 3-inch sterile roller bandages, scissors, tweezers, needle, safety razor blade, bar of soap, moistened towelettes, antiseptic spray, thermometer, tongue blades and wooden applicator sticks, tube of petroleum jelly or other lubricant, assorted sizes of safety pins, cleansing agent--soap, and latex gloves.

Non-Prescriptions Drugs: aspirin or non-aspirin pain reliever, anti-diarrhea medication, antacid(for stomach upset), emetic(use to induce vomiting if advised by the Poison Control Center), laxative, eye wash, rubbing alcohol, antiseptic or hydrogen peroxide, and activated charcoal (use if advised by the poison Control Center).

A.R.O.W.S

de Marilyn KB7PKH/AA

What a privilege it was to work at the RCT Flea Market with Judy, AJ7R; Sally, KB7PKJ; JM, KC7DKH; Margaret, KB7WYK'; Tressie, KC7BAL; Dolly Mattice and Nora Simmons. All of them stayed and worked the whole day. Thanks also to Lorna, KB7YTJ, who helped for a couple of hours; Al Mattice, KD6HXI, who strung the electric power and Bud, KC7AVT, who ran to the store. A very special thanks to Don, KB7GKB, who, when he wasn't running for the Radio Club of Tacoma, constantly bailed us out fixing the power, making ice runs, hot dog bun runs, and hauling all of our equipment and goods back and forth. Because of the efforts of all of these people the Flea Market was a great success for A.R.O.W.S. We are very grateful to the members who brought extension cords to help solve our power problems and to Al, KB7SVU, for hauling the freezer from the Clubhouse.

A.R.O.W.S. had a great time at the training session and picnic which was held at McChord on Sunday Aug. 28th. We are busy planning some fun things for our gals to do. In December, we will provide a Christmas project for some kids who will need to have a Christmas.

Any gal interested in being part of our group would be most welcome and you do not need to be a licensed ham to join. Our meetings are held the 3rd Wednesday of each month. Our next meeting will be Sept. 21st at 7:30 at the Clubhouse. If you have any questions call me at 845-8346.

VE TESTING

The Maple Valley Wireless Society will conduct an all License examination the Third Tuesday of each month, and shall begin 7pm, promptly at the Auburn Fire Station located at 1101 "D" Street NE, Auburn WA
Should you like more information on how you might participate, call **Bill / W7GBC**, 584-1086, or **Ralph / KA7FIG**, 582-5841.

Walk-ins are always welcome.

Flea Market Chairman's Report

de Alan Hughes, KB7SVU

As Chairman of this year's Flea Market I want to thank each and every member of the Radio Club of Tacoma for their help and support in making this Flea Market go so smoothly even with a new location and many more tables. To mention each key member would be a repeat from other articles in the ***Bark***.

Everything went very well. Feedback from people attending was very positive about the new location. We were able to handle any minor problems that came up with very little difficulty. The staff at Charles Wright were very pleased how well everything was set up and were especially pleased with the clean-up.

They now know our needs and will gladly work with us next year to meet the power and lighting requirements. Some of the vendors were very pleased and are ready to book tables for next year's Flea Market.

The complete financial report is not complete at this time. When those figures are available, I will submit them to the Club. This year there were over one hundred-forty tables and it was great to have each and every one of them.

Comments are welcome from members concerning this years Flea Market for the next thirty days so that we can plan a bigger and better Flea Market next year. We need to get started on next year's Flea Market by setting a date, selecting a site, and selecting a chairperson now. Perhaps a one day event like this year but including a speaker or two would be a beneficial addition to the market. Also there could be a VCR set up showing our meetings and training sessions. I will be glad to help in the future in any way possible. It was my pleasure to be Chairman this year and again THANKS to all of you for your support.

Flea Market 1994

Wow! What a great event! We had a super location, 50% more sellers, lots of great food, plus the best group of club workers ever.

We made a little money to help with club expenses for the coming year. We sold a few items to help with our repeater and packet funds. We bought a few items that we couldn't live without, and we met a lot of old friends we hadn't seen in years. The A.R.O.W.S., our ladies group, had the best food and coffee concession we have ever had. Our sellers and buyers were pleased with the facilities and the help and cooperation of the Radio Club. Hat's off to all of you who assisted and attended.

Chairman Alan, KB7SVU; Alan, N7EAY; Marilyn, KB7PKH; Don, KB7GKB; Tressie, KC7BAL; Andy, KB7DOX; Mike, WB7DFQ; Sally, KB7PKJ; Russell, KB7UXK; Malcome, KI7RZ; Denny, KB7NAG; Lou, KB7WDB; and XYL Nora, Rob, K7TGU; Mike, KB7ZDR; David, WB7AUJ; Al, KD6HXI; and XYL Dolly, Brian, KA7KUZ; JM, KC7DKH; Margaret, KB7WYK; Lorna, KB7YTJ; Judy, AJ7R; Val, N7VGO; Frank, KG7HB; Shirley, N7QHW; Joey, KB7UXC; Gene, KB7SVX; Art, AA7EO; Rich, N7ANF; Bud, KC7AVT; Al, KC7AZZ; George, WA7BHH; Ted, KC7CAX; John, N7JFM; Eve, WB7QNS; and everyone else whose name might have been omitted.

Flea Market Security

de Bill Brown, N7TEQ

Security at this year's Flea Market was provided by the guys and gals in the orange vests, from MASS: The Motorcycle Association for Special Services, of Pierce County Search and Rescue, supplemented by members of RCT. I appreciated everyone's efforts.

Using Charles Wright Academy worked out very well for providing Security for the buildings, contents and parking. I estimate we can park another 75-100 cars in the parking areas available. We definitely have room to expand facilities should the RCT return the Flea Market to Charles Wright Academy next year.

I want to personally thank those persons that did such a fine job: Val Baldwin, N7VGO, Archie VanValkenberg, KC7ETO, Al Mattice, KD6HXI, Dave Brinkmann N7UNN, George Loflin, KB7UFS, Jim Gunderson, KB7WFX, Bob Tilley, KB7NBQ, Shaun Tilley, N7ZLK, Stan Warburton, N7KMF, Nana Downey, N7OIX, Rich Manson, N7ANF, Eric Thompson. N7IXO, Malcome Maynard, KI7RZ, Leon Barber, Ed Corradi, Eric Gunderson, Patty Moffit-Moore and John Moore (who passed his Novice at the Flea Market Test session and his NO-Code Technician the next Tuesday evening at the Maple Valley Wireless Society). Congratulations John. Thanks again to all that supported the Flea Market.

Jamboree On The Air

For the past 37 years, hams throughout the world have helped introduce Scouts to amateur radio in an operating event called "Jamboree On The Air" or JOTA for short. This event is TBA in October (0001 Sat - 2400 Sun local time). We have contacted the Council Office and they are interested in us setting up a station in their parking lot. This would be a great opportunity to demonstrate Packet as well as HF. We could let the Scouts get some hands on experience by sending a message to a friend. This might even generate enough interest to fill a Saturday Novice/Technician Class.

We also need people who would be willing to invite a group of Scouts (Boy or Girl) into their "shack" and show them what Ham Radio is all about.

If you would be willing to head up this project or participate as a host station, contact David, WB7AUJ, or contact a Scout Troop/Pack near where you live, and invite them over for JOTA. I am sure they would be happy to hear from you.

If you want to know more about what happens during JOTA, there was an article on the 1993 JOTA in June QST (Page 52). I also have copies of articles from *Boy's Life* (Boy Scout monthly magazine) that provide insight into this event from the Scout point

20 Years Ago - September 1974

Hamfair-74, held at the Pierce County Fairgrounds near Graham, was a great success. The first prize was won by a Canadian, VE7AVN. Chairman Dennis Reanier, W7UBA, was observed washing dishes at the Loggers Breakfast. Activities included a hole-in-one contest, a horseshoe pitching contest, and 2 and 75-meter bunny hunts.

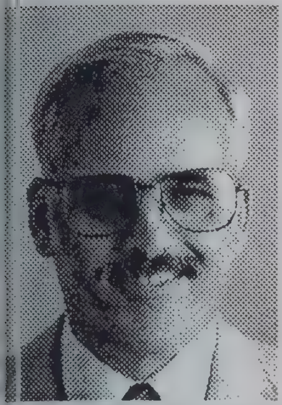
The Women's Auxiliary September meeting will feature Rick Schaak, K7MF (now a silent key) and his films of exotic flowers. The Auxiliary's snack bar at Hamfair did very well and everyone enjoyed the barbecue sandwiches.

FCC has relaxed rules on logging, but mobile contacts will still have to be logged. FCC is proposing to reduce the amateur license fee from $9 to $6. The ARRL will file comments to the effect that amateurs should be exempt from the payment of fees.

The Puget Sound Council of Amateur Radio Clubs is studying the feasibility of sponsoring a Northwestern Division ARRL Convention. The Radio Club of Tacoma is on record as the first club to support such an event. Mary Lewis W7QGP, reminded the club that FCC regulations prohibi swap and shop activities on the air. The last call was issued to club members wishing to build one of the club's speech processor kits.

CONTESTING ACTIVITIES FOR LAST MONTH

de David, WB7AUJ



The weekend of July 30-31, W7DK participated in the IOTA (Islands on the. Air) contest. This contest is sponsored by RSGB (Radio Society of Great Britain) which created the IOTA Award Program. Islands worked included Andeanof, Canary, Marshal, Prince Edward, Ralik, Guam, Philippine, Solomon, Western Samoa, Norfolk, Bermuda, Franz Joseph Land, and our own San Juan. Those participating thought it would be fun for next year to plan a DXpedition to an IOTA for this contest. The weekend of August 6, W7DK participated in the 10X Summer QSO Party and North America QSO Party (CW) Contests. W7DK does not have a 10-X number but will be applying for one based on the contacts made during the contest. Thanks to AJ7R, KC7AVT, KC7KUZ, KB7AVT, WA7UQV, WB7AUJ for putting W7DK on the air.

Quite a line-up for September. Come to the Clubhouse and help put W7DK on the air. Of special interest this month is the Washington State Salmon Run contest the fourth week-end in September (24-25). (Complete rules, summary sheet and log forms are in this issue of the Bark.) This contest is a great opportunity to get some publicity for Amateur Radio and RCT. Would you like to participate in a mini field day type operation by setting up a station(s) in a public place (e.g. Tacoma Mall, Lakewood Mall, Mount Rainier)? We need someone to head this up. Contact David, WB7AUJ.

In the Multi-Operator Club Competition, we may have more than one entry, using different calls. (e.g. one group would use W7DK, the rest a members call AX7X, N7NXX, K7QXX, etc).

For RCT members, RCT will have special entry category for no-code Techs operating VHF and above. Rules for this entry class are the same as for HF operation with the following changes:

QSO points are 2 for SSB/FM, 3 for CW, 6 for PACKET/SATELLITE

No repeater contacts (Packet and satellite Contacts are OK.)

SPECIAL AWARDS FOR RCT

Single Operator Novice/Tech Plus
Single Operator General and Above
Multi Operator Novice/Tech Plus
Multi Operator General and Above
Technician Operator VHF and Above
Mobile Working from Most WA Counties

FIRST PLACE: Single Operator $25 Gift Certificate to Olive Garden

Multi Operators - Trophy in club house

Participation Certificate for all logs received. Send Logs to

WB7AUJ
David Dodd
PO Box 98847
Tacoma, WA 98847-0847

Logs must be postmarked no later than October 31, 1994. See Log/Dupe sheet requirements.

For those who don't want to work the contest per se, please take some time and give W7DK and club members who are working the contest a call.

For the ARRL September VHF QSO Party, we need your help to put W7DK on the air. The club has towers and rotors but does not have radios and antennas. We need someone to organize our efforts for this contest.

Look for W7DK on 147.48, 223.50 and 432.xx[TBA] FM simplex. The rules of this contest prohibit the use of repeaters to solicit contacts, so you won't hear us on 28 reminding you to work W7DK once the contest has started. Please remember the rules also provide that a transmitter used to contact one or more stations may not subsequently be used under any other call sign during the contest period (with the exception of family stations where more than one call sign is assigned to one location by the FCC.) See August QST for complete rules.

For the ladies, note the **YLRL Howdy Days**. This is a weekday event for ladies only. (Hey guys - why not fix dinner and let your YL have a little operating time.) P.S. Jim you need to get your antenna back up for Judy! 73

HIRAM P MAXIM BIRTHDAY CELEBRATION

de David, WB7AUJ

September 2nd of this year marks the 125th anniversary of the birth of Hiram Percy Maxim, W1AW, who was a co-founder of the ARRL and it's first President. In keeping with the great American tradition of birthday parties, the ARRL has decided to throw a big celebration to mark this auspicious occasion.

To honor this man who has meant so much to the founding of the ARRL and to the history of Amateur Radio, ARRL officials and staff will operate signing **"/125"** for 10 days beginning September 2nd. You can earn a nice certificate by working 25 stations signing this suffix to their call - whether on phone, CW, RTTY, packet, satellite, or even on our local repeaters! You don't have to stop at 25 either, there will be endorsements in steps of 25 up to 125. For complete rules see page 46-47 August QST.

W7DK, as an Official Emergency Station (OES), qualifies to sign **"/125"**. If you operate W7DK during this period (5 pm PDT September 1 thru 5 p.m. PDT September 11) remember to sign the suffix **"/125 and appointment of OES"**.

W1AW will operate from 0000 UTC September 3 (5 PM PDT Friday) thru 2400 UTC September 4 (5 PM PDT Sunday). Operations will be on all modes and bands, including satellites, RTTY and packet. A special QSL will be available for those who complete a contact with the station during the celebration. To get the QSL, send your QSL and SASE to W1AW, c/o ARRL, 225 Main Street, Newington, CT 05111-1494. If you don't have QSL cards, some of us with computers could print QSL cards for you.

Packet Meeting and Beginner Training.

Thursday Sept. 22 at 7:00pm at the clubhouse. We are going to make some long range plans too. Come on out and give us your ideas.

SECOND BYTE
NEW & USED MS-DOS COMPUTERS
ACCESSORIES,
PERIPHERALS,
AND UPGRADES
N7ARO
Roy Richards
P.O. Box 3034
Bremerton, WA 98310
(206) 479-2619

JOIN THE EXCITING WORLD OF HAM RADIO

FREE CLASS

NO-CODE TECHNICIAN AMATEUR RADIO LICENSE

Starts October 3, 1994 for 11 weeks
6:00 to 7:30 PM
(Code practice for the Novice license 7:30 to 8:15 PM)
1249 South Washington Street - Tacoma
Sponsored by:
The Radio Club of Tacoma
To Register, call: Bill Shimmin - 584-1086
or Jerry Seligman - 845-7652
Books will be available at the class for $19.00

1994 WASHINGTON STATE SALMON RUN CONTEST

CONTEST: PERIOD 1600 UTC (9 am PDT) Saturday September 24, 1994
2400 UTC (5 pm PDT) Sunday September 25, 1994
Single Operator entries are limited to 24 hours operation
Multi Operators may operate full contest period

CLASSES: Single Operator CW SSB MIXED
Multi Operator(Single xmitter) CW SSB MIXED
Power Levels: QRP (5 WATTS or less) LOW (6-200 WATTS) OPEN (Over 200 WATTS)
Special competition for Washington State Clubs in the Multi Operator Single Transmitter category

EXCHANGE: RS(T) and County for Washington stations
RS(T) and State, Province or DXCC Country for outside Washington

QSO POINTS: 2 for SSB, 3 for CW, 6 for Novice/Technician CW. Novice/Tech sign /N or /T. There is no bonus for N/T on SSB. The same station may be worked for QSO points on each band and mode (SSB and CW). CW contacts in CW sub-bands only. Portables/Mobiles may be-worked for QSO credit in different counties.

MULTIPLIERS: Washington Stations: States, Provinces, DX Countries and WA counties
Outside WA Stations: Washington Counties (39)
Each multiplier may be counted once per mode (SSB and CW) regardless of bands

SCORING: QSO points for all bands X total multipliers
QRP (5 watts) Bonus: Multiply total score X 3
Low Power (200 watts) Bonus: Multiply total score X 2

BANDS: All HF bands, except WARC, with the following suggested frequencies:
CW: 1805, 3560, 7045, 14060, 21060, 28060
SSB: 1815, 3925, 7260, 14280, 21380, 28380
Novice/Tech CW: 3700, 7125, 21150, 28160

AWARDS: **Package of Portlock Smoked Salmon** supplied by Port Chatham packing of Seattle to highest score in each DX c and each U.S. call district.
First Place Certificate to highest score in each WA County, Highest score in each State and Province of Canada, H score in each DX country.
Special Award to Highest Washington club score.
Participation Certificate for all logs received.
Mobile Working from the Most Washington Counties
Other awards at the discretion of the Contest Committee

To qualify for awards and prizes, the minimum number of QSOs is: Washington: 100 USA: 50 DX: 25

SEND LOGS TO:
W7FR
Western Washington DX Club
PO Box 224
Mercer Island, WA 98040-0224

Logs must be postmarked no later than October 31, 1994. Logs must show date and time in UTC, station worked, exchanges se received, bands and modes used and score claimed. Dupe sheets (alphabetized list of stations contacted) are required for logs of 200 or more.

WASHINGTON SALMON RUN
SUMMARY SHEET

Call: ____________ Name: ________________________________
Address: ________________________________
City, State, ZIP: ________________________________
Country: ________________________________

Entry Category (circle one): Single Operator Multi-Operator Washington Club Station

Scoring:

Phone QSOs: ____________ times 2 points per QSO equals ____________ QSO Points.
CW QSOs: ____________ times 3 points per QSO equals ____________ QSO Points.
Novice/Tech CW QSOs: ____________ times 6 points per QSO equals ____________ QSO Points.

Multipliers:

(non-WA stations):
Washington Counties on Phone: __________
Washington Counties on CW: __________

QTH Multiplier: __________

(WA stations):
States, Provinces, Countries on Phone: __________
Washington Counties on Phone: __________
States, Provinces, Countries on CW: __________
Washington Counties on CW: __________

QTH Multiplier: __________

Power Multiplier:		
	more than 200 watts:	1
	5 to 200 watts	2
	less than 5 watts	3

QSO Points __________ X QTH Multiplier __________ X Power Multiplier __________

= ____________________ FINAL SCORE

The decision of the Contest Committee will be accepted as final.

Signature: ________________________________ Date: ________________

Washington Counties

(count County multipliers once per mode)

	CW	SSB		CW	SSB		CW	SSB
ADAMS	☐	☐	GRAYS HARBOR	☐	☐	PIERCE	☐	☐
ASOTIN	☐	☐	ISLAND	☐	☐	SAN JUAN	☐	☐
BENTON	☐	☐	JEFFERSON	☐	☐	SKAGIT	☐	☐
CHELAN	☐	☐	KING	☐	☐	SKAMIANIA	☐	☐
CLALLAM	☐	☐	KITSAP	☐	☐	SNOHOMISH	☐	☐
CLARK	☐	☐	KITTITAS	☐	☐	SPOKANE	☐	☐
COLUMBIA	☐	☐	KLICKITAT	☐	☐	STEVENS	☐	☐
COWLITZ	☐	☐	LEWIS	☐	☐	THURSTON	☐	☐
DOUGLAS	☐	☐	LINCOLN	☐	☐	WAHKIAKUM	☐	☐
FERRY	☐	☐	MASON	☐	☐	WALLA WALLA	☐	☐
FRANKLIN	☐	☐	OKANOGAN	☐	☐	WHATCOM	☐	☐
GARFIELD	☐	☐	PACIFIC	☐	☐	WHITMAN	☐	☐
GRANT	☐	☐	PEND OREILLE	☐	☐	YAKIMA	☐	☐

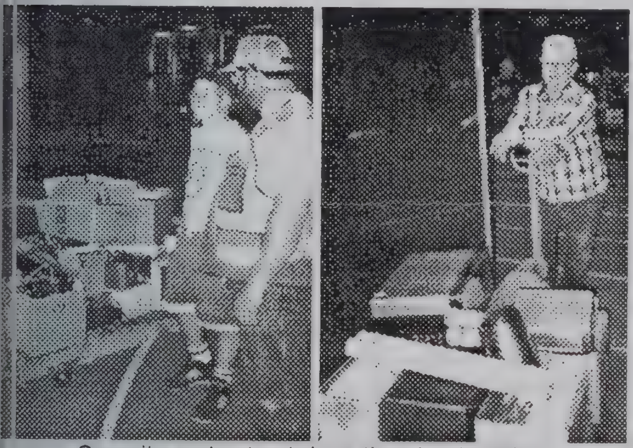
WASHINGTON SALMON RUN

Log for station ____________________　　　　Page _____ of _____

					Exchange Sent		Exchange Received			
Band	Mode	Date	Time	Station	RST	QTH	RST	QTH	Points	Multiplier

Back at the Clubhouse, tower work is done by Trent N2OBM and Charlie KB7UDG

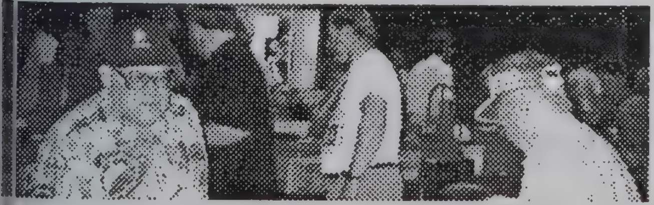
Signs to lead people to the Flea Market...



Security and setup brings the plan together...

AMERICAN RADIO
RELAY LEAGUE

ur Regional Director, Mary Lewis, W7QGP sets things up...



Our friends from ICOM show off their latest gear...

Amateur Radio Supply
Seattle

ARS doing a brisk business,
one of several of our valued vendors...

HAM SERVICE DEPARTMENTS

AEA	Customer Service	206-775-7373
Alinco	Customer Service	213-618-8616
	FAX	213-618-8758
Ameritron	Service	419-531-3024
Azden	Customer Service	404-769-8706
	Repair (2-4 PM only)	404-769-8706
	FAX (7 pm to 10 am only)	404-769-7970
B & W	Customer Service	315-788-5581
Butternut	Service/Parts/Tech.Info.	512-398-7117
Cushcraft	Service/Parts/Tech.Info.	603-627-7879
ETO	Customer Service	719-260-1191
	FAX	719-260-0395
Hy-Gain	Rotor Parts	402-465-7021
	Antenna/Tower parts	402-465-7022
	Technical Assistance	800-328-3771
ICOM	Service	206-454-7619
	Parts	206-454-8155
	FAX	206-454-1509
JRC	Customer Service	212-355-1180
Kenwood	Service	213-639-7140
	Parts	213-639-9000
	FAX	213-639-2127
MFJ	Service/Parts	601-323-5859
Ten-Tec	Service/Parts	615-453-7172
Yaesu	Service	213-404-4884
	Parts	213-404-4847
	FAX	213-404-1210

Radio Club Of Tacoma
Solicitation Rules

It is extremely important that all members of the Radio Club of Tacoma be informed of the Solicitation Rules as outlined below. This is necessary in order to be in compliance with regulations governing our new 501 (c) (3) tax exempt status. If anyone has knowledge of persons wanting to donate to the club or the need to solicit a donation, contact the Board for the names of the solicitors. Please call any Board member if you have any further questions. The following format was developed and written by Ray Pedersen, W7KFN.

SOLICITATION RULES

A. You must give the person being solicited the following information orally or in writing:

(1) The name of the individual making the solicitation;
(2) The name of the charitable organization;
(3) The purpose of the solicitation and the name of the organization that will receive the funds contributed; and
(4) Whether the charitable organization is registered under the Act. If it is registered, state that information relating to its financial affairs is available by contacting the Secretary of State's office and give the toll-free telephone number.

ACTION: The Radio Club of Tacoma Board will appoint solicitors and specify the purpose required by (3) above and any receiving organization if that applies. The Radio Club of Tacoma is registered under Charitable Solicitations No: RAC-L93-274 and its financial records are on file with the Secretary of State. The contact in Olympia is 1-800-332-GIVE.

B. You must clearly notify the person being solicited in writing of the total percent of money actually applied to charitable purposes, based on the dollar value of funds received from solicitations and from other sources. If a non-profit fund-raiser conducts the solicitation, it must give the percentage relationship between the amount disbursed to charitable organizations for charitable purposes and the total value of contributions received on behalf of charitable organizations by the fund-raiser.

ACTION: The Board must determine the planned percentage breakdown of the funds received that will be applied to charitable purposes. The second half of this requirement must be considered if a "fund raising organization" is hired to do the solicitation, such as the Good Neighbor Fund. In that case, the fund raising organization needs to determine the percentage.

C. If soliciting by telephone, you must make the disclosures described in clause (B) above in writing within five days of the receipt of any contribution, or if materials are sent to the person solicited before receiving a contribution, such materials must include the disclosures described in clause (B) above.

ACTION: If a telephone solicitation is planned, the Board shall prepare the necessary disclosure material prior to initiation of the solicitation and the telephone solicitors shall be trained on the material provided before making any calls.

D. You can represent orally or in writing that:

(1) The contribution is tax deductible because the Radio Club of Tacoma has been granted tax exempt status by the IRS.

You can __not__ represent orally or in writing that:

(1) The person soliciting is a volunteer, or use similar words to create the impression that person is not a paid solicitor, unless such person actually is unpaid for his or her services;

(2) The person soliciting is a member, staffer, helper, o employee of the organization or similar wording to creat the impression that the person is not a paid solicitor if th person is employed, contracted, or paid by a independent fund-raiser.

ACTION: The Board shall instruct solicitors on thes requirements.

E. You must disclose whether the organization is or is no part of any unit of government and the true nature of it relationship to the unit of government.

ACTION: If any solicitation becomes involved in direc support of any unit of government, the Board shall instruc solicitors on the proper disclosures required.

F. You must comply with all local government regulation that apply to soliciting for or on behalf of charitabl organizations.

ACTION: The Board shall determine these requirements fo each solicitation, file forms and pay necessary fees if any, an instruct solicitors on compliance required.

G. You cannot use false, misleading or deceptive advertisin and must provide full and fair disclosure.

ACTION: The Board shall do this.

H. You cannot conduct solicitations, if the person o organization soliciting is a charitable organization o independent fund-raiser that has been convicted of a crim involving charitable solicitations within the past ten years o has been subject to any administrative order, injunction o judgment.

ACTION: The Board shall be responsible to ensure that thi requirement is met in the selection of solicitors.

RECORDS:

The Act requires charitable organizations to maintai accurate, current and readily available books and records unt at least three years have elapsed following the effective perio to which they relate.

ACTION: For each solicitation, the Board shall instruct eac solicitor on the specific records required, receipt procedure and record archives. The RCT Donor receipt form has bee reviewed by our CPA and shall be used where required. Th solicitor shall fill out a hand written receipt on the draft forn and turn it in to the solicitation drive chairperson Subsequently, where official receipts are required for incom tax purposes by the Donor, the Treasurer will release computer generated receipt to the Donor in time for th Donor's filing of his income taxes for that calendar year. I addition, the Treasurer shall be supported by th Donation/Solicitation records clerk who shall be responsibl for maintaining a "Ledger" record of all donations an contributions for the required three years. An important par of the receipt process is to ensure if there are any limitation on the use of the donation, such as "for the repeater fund" tha is recorded on the receipt and the Treasurer shall deposit th funds accordingly. If there is any quid-pro-quo value provide in return for the contribution, the Board shall determine th value and instruct the solicitor to include that amount on th receipt.

Approved July 6, 1994 Radio Club Of Tacoma Boar
Meeting By Shirley Murphy, N7QHW, Secretary RC

__Contesting every Saturday at DK Clubhouse.__

Don't worry if you don't have much experience - we teach Help us put W7DK on the map. Call David WB7AUJ fo info. 584-3620

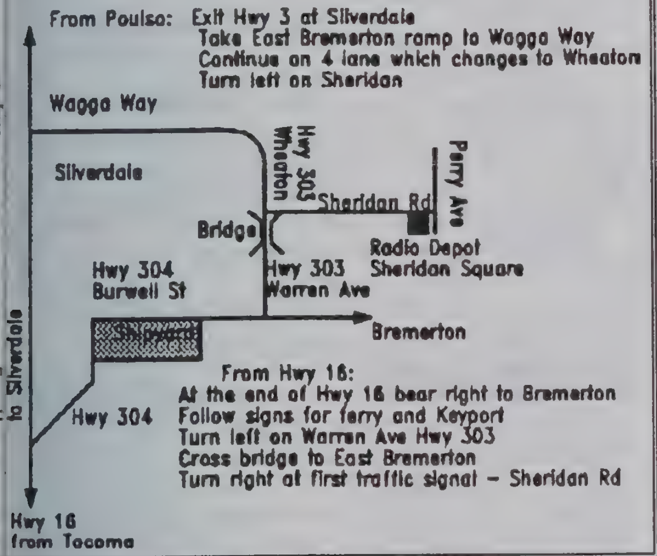
Radio Depot
206 / 377-9067 Local
800 / 291-9067 (within area code 206)
Owner Dave Roddy, N7KZN
Store Hours: Monday thru Saturday
10 AM to 6 PM

al Orders Welcome. Within area code 206 call 1-800-9-9067. Outside of area 206 please ask for long ance credit on (orders over $20) of $1 in WA; $2 uside WA

eler For: AEA Alinco, Allanteck, Ameco, Anli, ARRL, ci, Astron, Bencher, CQ Pubs/Videos, Genesys, Heil nd, JPS Communications, K-Com, Larsen, MFJ, dol USA, Nara, Perifhex, Pouch, Radio Amateur book, SPI-RO, Standard Radio, Valor Pro-Am and VYI.

b Stocked: Various RF/Mic Connectors, ax/Rotator Cables and selected products from hcraft, Daiwa, Diamond, Hustler, ICOM, Kenwood, Concepts, Uniden, Bearcat, and Yaesu.

dio Depot Offers the Largest Selection of Standard dio and MFJ Products In WA.


From Poulso: Exit Hwy 3 at Silverdale
Take East Bremerton ramp to Wagga Way
Continue on 4 lane which changes to Wheaton
Turn left on Sheridan
Wagga Way
Silverdale
Hwy 303 Wheaton
Sheridan Rd
Perry Ave
Bridge
Radio Depot Sheridan Square
Hwy 304 Burwell St
Hwy 303 Warren Ave
Shipyard
Bremerton
to Silverdale
Hwy 304
From Hwy 16:
At the end of Hwy 16 bear right to Bremerton
Follow signs for ferry and Keyport
Turn left on Warren Ave Hwy 303
Cross bridge to East Bremerton
Turn right at first traffic signal - Sheridan Rd
Hwy 16 from Tacoma

TED'S PHOTOGRAPHY
Weddings & Family Portraits
By Appointment
752-8479
Tacoma

TED - KC7CAX

For Sale
Wilson System 40 Tribander - 3 monoband antennas in one - Boxed, as is - $250
Call Bob, KB7BL, 564-3956

Cable TVI Tips

If you have tried everything and still get a trace of TVI on your TV that is on cable, here is an idea to try. Take a large ferrite core (such as an old TV picture tube yoke) and wrap 8 to 10 turns of the coax through the middle and reconnect the cable to your set. This should be done as close to the set as possible. A set of ferrite cores for other RFI-plagued devices can be obtained from Radio Shack. They are the split core type that come in handy where the connector prevents wrapping a cable through the core. The Radio Shack part number is 273-104. Amidon also sells various size ferrite cores. See their ad in QST.

(adapted from WorldRadio News)

Attention RCT Members.

The Radio Club of Tacoma is trying to develop a video library of the programs at our meetings. Any donations of new or used video tape would be greatly appreciated. These tapes could then be loaned to any member or other interested radio club. Please contact Don, KB7GKB, at 845-8346

BNCUHFFNSMATNC

Have you ever been bewildered by the alphabet soup of letters used to identify your coax connectors? Well, there are some interesting stories behind those letters.

Up until the 1930s, binding posts and parallel lines were used for feedlines. When the first RF coaxial cables were marketed, the first connectors, dubbed UHF (PL-259 and SO-239), were introduced for them.

During World War II, the requirements for a better connector for Radar prompted two new designs. The first was developed at Bell Labs by Paul Neill, and became the type "N" (for Neill) connector. At the same time, another connector was being developed by Carl Concellman, which became the type "C" connector.

The "C" connector was the first type designed as a true 50 ohm device. By using the concept of "reactive cancellation," the inductance of the connector was balanced by changing the dielectric material used to fill the connector. Reactive cancellation allows the connector to have a low SWR well into the GHz region.

Shortly thereafter, Neill and Concellman collaborated on the design of a miniature bayonet locking connector, which they later dubbed the Bayonet Neill Concellman, or BNC. Later, for certain airborne uses, an improved threaded version, the Threaded Neill Concellman or TNC, was developed.

For precision microwave use, a series of subminiature connectors were developed, the A, B, and C. Of these A, or Sub-Miniature A (SMA), is the most popular.

Now you can really show off by calling your local radio store and asking, "Do you have a 220 MHz handheld antenna with a Bayonet Neill Concellman connector?"

(from Worldradio News)

Amateur Radio Exams in the Puget Sound Area as of August 17, 1994

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, Kirkland - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 10 AM - North Seattle Comm. College, Rm 3343, 9600 College Way N. - Contact Mike Mitchell, W7WHT, 282-1438, Seattle

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, Kent - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

2nd Tuesday - 6:30 PM - Everett - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd & 4th Thursdays - 7:00 PM - Ft. Lewis Radio Club - Contact John Steele, KG7RX, 491-4682, Olympia

2nd Saturday - 10 AM - Tukwila - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - Auburn - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - Ferndale - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - Renton - Good Neighbor Center, 305 S. 43rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - Sultan - 10 AM - Sultan Elementary School - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - Aberdeen - Pearsall Center, 2109 Sumner Ave - next session - Sept 17. Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - Stanwood - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - Everett - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - Marysville - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4th Saturday - 9:30 AM - Bremerton - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

December 31, Saturday, 10 AM at the RCT Clubhouse, 1249 S. Washington St, Tacoma.

Semiannually - Saturday - 9 AM - Olympia - Olympia Center - 222 Columbia North - Contact John Steele, KG7RX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306-80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

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nroduction To Packet Radio - Part 8

- by Larry Kenney, WB9LOZ

This part of the series discusses the various parts of the cet message. The following is an example of what you e when listing messages on a BBS. On some systems the formation is displayed in a different order, but the same formation is given.

```
MSG # STAT SIZE TO FROM @ BBS DATE/TIME
JECT 4723 P 1084 WD5TLQ WA6XYZ N5SLE
0/1240 Software working great!
2 BI 771 PACKET WB9LOZ ALLUSW 0604/1154
RODUCTION TO PACKET
1 BF 2387 EXAMS W6NLG ALLCAN 0604/1020 FCC
ns: June - Dec.
1 T 275 94114 W1AAR 0604/0959 QTC San Francisco
821
1 BF 918 ALL N6ZYX ALLCAN 0604/0845 9600 BAUD
ONSTRATION
```

The MESSAGE NUMBER is assigned by the BBS ram when the message is received and it cannot be ged. The numbers are assigned sequentially.

The **STATUS** of the message includes several different of information. The first letter of the **STATUS** indicates **TYPE** of message: B for Bulletin, P for Personal, or T for ic for the National Traffic System. Bulletins are sages of general interest to all users, and they can be by everyone using the system. Personal messages are d only for the sender, the addressee and the SYSOP and re the only ones that can read them. The list above old have to have been requested by WA6XYZ. Can you why? It lists an outgoing personal message. (NOTE: tough personal messages can't be read by everyone using BBS, anyone in monitor mode can see a personal sage as it's being sent over the air, of course.) Traffic sages, type T, are listed and can be read by anyone. In all users are encouraged to participate in the delivery of messages addressed to your area. (Refer to part 12 of series for information on NTS messages.)

STATUS also shows if the message has been read, has ady been forwarded to all designated stations, is in the cess of being forwarded, or is an "old" message. You ht see one of these letters: Y - yes, it has been read, F - it been forwarded, I - it's in the process of being forwarded t now on another port, or O - the message has been on BBS long enough to become an "old" message. "Old" can anywhere from 2 days for an NTS message to 3 weeks for etins. The time frame for each message type is specified he local sysop. The "O" is mainly used to h the attention of the sysop.

The **SIZE** indicates the combined total of characters, uding punctuation, ne message.

TO is the callsign of the addressee for personal ssages and either the topic category or interest group for letins. While you might find messages addressed TO SAT, TO PACKET or TO SALE, they're actually messages ut AMSAT, about PACKET or about equipment for SALE. u're apt to see anything in the TO column: ALL, SFARC, ERS, EXAMS, CODE, SALE, WANTED, SAT, PACKET, . For NTS messages, TO is the zip code of the addressee.

FROM shows the callsign of the station originating the ssage.

@ BBS is used if you want a message to be forwarded to meone at another BBS or for general distribution using a warding designator. In the list shown above, the personal ssage would automatically be forwarded to WD5TLQ at the N5SLE BBS. By entering a special designator, such as ALLCAN, in the "@ BBS" column a message can be forwarded to specific areas. (See Part 6 and 7 of this series for details on addressing messages and using forwarding designators.)

Next is the **DATE** and **TIME** showing when the message was received at the BBS you're using. If the message originated at another BBS, the date and time when the message was originally entered will be shown in the forwarding headers, as explained below, and at the top of the message when you read it. The date and time indicated can be either local time or GMT (Zulu time) depending on the time used by the BBS.

The **SUBJECT** (or TITLE) is a short line telling what the message is all about. It should be brief with a maximum of 30 characters, but it also should be informative. For bulletins, this is the information that really determines whether or not someone is going to read your message when he sees it in the message list.

The parts of the message mentioned so far are all included in the header of the message, and are seen when listing messages. The hierarchical address and the message ID are not shown in the normal listing. On some systems, entering a semicolon after the list command (Example: LL 25 ;) will give you more information about the message, such as the message ID, the full hierarchical address, number of times the message has been read, etc.

If a message has been forwarded from another BBS, forwarding headers are added at the top of the actual message text. This is information added by each BBS that is used to get the message from its origination point to the destination. Each BBS adds one line showing the time the message was received by that particular BBS, its call sign, and usually the QTH, zip code, and message number. Other information is often added, at the discretion of the sysop there. If you use the RH command, rather than just R, when reading a message, such as RH 7823, you'll receive complete headers. With just the R, headers are reduced to a list of the BBS callsigns. The complete headers are useful if you want details on the path a message took to reach you or how long it took to be forwarded from system to system from the source to destination.

The **TEXT** of the message contains the information you want to convey to the reader. It can be of any length. When entering a message into a BBS, use carriage returns at the ends of your lines, as if you were using a typewriter. The normal screen width is 80 characters, so you should enter a carriage return prior to the 80th character on each line. Don't allow the automatic wrapping of lines to occur. A message entered without carriage returns is very difficult to read, as words are cut at improper points, lines vary drastically in length, and blank lines are often inserted.

You should include your name, call and packet address at the end of the text so that the person reading your message will be able to send a return message to you if he or she wishes to do so.

Messages that are going to be forwarded to several BBSs or across a long distance should be limited in size. Extremely long messages can tie up the forwarding system unnecessarily, so users are advised to break up long messages into parts.

Introduction To Packet Radio - Part 9

- by Larry Kenney, WB9LOZ

In this part we're going to look at the White Pages. No, not your local telephone directory, but the packet radio directory known as the "White Pages". You help supply the information for "WP", and you can also use it to find the home BBS, QTH and zip code of your friends on packet.

"White Pages" was initially designed by Eric Williams, WD6CMU, of Richmond, California. Hank Oredson, W0RLI, later added a WP database to his packet bulletin board software. It's a database of packet users showing their name, home BBS, QTH and zip code. It's updated and queried by packet message, allowing stations from all over the world to take advantage of it. When users enter their name and other information into the BBS user file, it gets included in the WP database. The software automatically assembles a message once a day containing all of the latest user information and sends it to AD8I in Ohio, who is now the national White Pages Server. Systems in Northern California also exchange this information. As a result, you can easily find the name, home BBS, QTH and zip code of other stations on packet all across the country using the White Pages database.

If your BBS is operating with its own WP database, you may make inquiries of it using either the "I" or "Q" command, depending on the software being used. Simply enter I or Q followed by the callsign you'd like information about. If you wanted information on WB9LOZ, for example, you would enter:

```
 I WB9LOZ   or   Q WB9LOZ
```

Check the help information on your BBS to see what commands are available.

Information from the WD6CMU or AD8I White Pages can be obtained by sending a message to WP @ WD6CMU. CA or WP @ AD8I. OH. Since the messages are read and answered by the WP software, not a person, you must use the correct format: <callsign> ? You may include as many requests as you wish in one message, but each request must be on a separate line. The last line of the message should be: DE <your_callsign> @ <Home_BBS> so that the response is returned to you at your home BBS. If the return address line is not given, the WP program will attempt to determine the originating station and BBS from the message headers. If the requested information is not available from the WP database, the return message will tell you so.

Here's an example of a message sent to the WD6CMU or AD8I White Pages database:

```
W6BBS> SP WP @ WD6CMU. CA [SP WP @ AD8I. OH would be used for the AD8I database]
Enter subject of message: Query
Enter text:
K9AT ?
WA6DDM ?
K3AKK ?
DE N6XYZ @ W6BBS
(Control Z)
```

Capital and lower case letters may both be used within the message.

Just like all other packet messages, messages addressed to WP are forwarded from BBS to BBS toward their destination. If a BBS operating with the W0RLI WP Server handles a query message, it will respond with any pertinent information that it has available. As a result, you might receive more than one response to your WP query.

The WP program also collects data from any WP responses it sees, as well as from the headers of every message that passes through. The information on each call in a WP database is usually deleted in 90 days if it's not updated. The time frame is determined by each local SYSOP.

It is important to note here that you should choose ONE BBS as your home BBS, the one where you want all of your messages delivered. You should also make sure that it is a full service BBS, not a personal mailbox. Always enter that callsign when you are asked to enter your home BBS, even if you are using another system at the time. When a message arrives at the BBS destination given in the "@ BBS" column, some of the latest software will check the White Pages information to make sure that the message has been delivered to the right place. If it finds that a different BBS is listed as the addressee's home BBS, it will insert that BBS callsign in the message and send it on its way. If you enter different home BBS calls on several BBSs, your mail could easily end up being sent from BBS to BBS and never reach you.

If you move or change your home BBS, you should then make sure that you update the information for your call in the White Pages database. Use the NH, NQ and NZ commands to update the information. Making sure that the information in the White Pages is correct will help to get your messages delivered to the correct BBS.

The W7DK Bulletin Board

1. To bring up the board:
    a. Put your 2 meter transceiver on 144.97
    b. Type C space W7DK or C space DKBBS then ENTER.
    c. You will see a W7DK> prompt
    d. You are now on the bulletin board
2. To Read a message or bulletin
    a. Type OP space 20. \
    This will give you the last (20) bulletin list then L or LB
3. To read a bulletin:
    a. Type the letter R
    b. Hit the space bar
    c. Type the bulletin number
    d. Hit ENTER
4. To read a personal message to you:
    Type RM (read message) or LM(list message) ENTER
    This command will let you know if you have any messages
5. To obtain a description of all user commands:
    a. After you are on the board, type the letter F then ENTERr
    b. Type the letter D then ENTER
    c. Type 001 or 002 or 003 or ..(etc).. then ENTER
    d. To get out type F ENTER F ENTER.
6. To find the address of a ham in the US or Canada:
    a. After you are on the board, type REQQTH space then the call sign and ENTER
    b. The name, age, address and zip will appear.
7. To find the address and home bulletin board:
    a. Type QTH ENTER
    b. Type C ENTER
    c. Type the call sign ENTER
    d. TO get out, type F ENTER F ENTER
8. To send a personal message to another ham:
    a. Type SP space call sign ENTER
    b. Type message name ENTER
    c. Type message
    d. Hit CTRL Z to send message

To Exit - Kiss it good *BYE*.

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Manager
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Radio Club Of Tacoma, Inc
Minutes Regular Meeting
July 27, 1994

The meeting of the Radio Club of Tacoma was called to rder at 7:35 P.M. by President Jim Kirkreit, K7YLM, with 70 mbers and 1 guest present. A quorum is present to nduct official business.

ANNOUNCEMENTS:

/94 RCT Board of Directors Meeting RCT Clubhouse 7:30 PM

0/94 RCT Meeting "Final Plans for the Flea Market" 7:30 PM at the Library Administration Center 112th E and Waller Rd.

8/3/94 RCT Flea Market at Charles Wright Academy.

8/3/94 RCT All License Class VE Testing at the Flea Market 10:00 AM.

/4/94 RCT Meeting ***"10-10"*** 7:30 PM at the Library Administration Center 112th E and Waller Rd.

/8/94 RCT 78th Anniversary Celebration at McChord Holiday Park.

NEW CALLS AND UPGRADES:

UPGRADE: Al Burleson, KC7DDA.

HINTS & KINKS, TUNING AND TRAFFIC, ETC.: Jim, K7YLM, passed out a reprint, 'The "CHIP" (Cheap, Homemade lambic Paddle)' and Frank, KG7HB passed out a reprint of 'The 2 Meter "Electrician's Delight' Antenna".

HEALTH & WELFARE: Joe Duncan is now a silent key.

MEMBERSHIP: There are 536 members as of this date for 94.

MINUTES: Previous minutes are available at the front of th room.

RACES/ARES: Shirley, N7QHW announced that there will be a mock search the third weekend in August and an excellent opportunity for new people to be trained on TAC ONE. To volunteer contact Tom Stanley, KB7VOO, at 458-4713 or Dave Brinkmann, N7UNN, at 752-9191.

PROGRAM: Stan Warburton, N7KMF, presented the program this evening. He shared with us his and Nana's, DIX, adventures on the Amazon during their trip last summer. It appeared to be a very interesting and worthwhile adventure. Thanks Stan for presenting this interesting program for the Radio Club.

AROWS: Marilyn, KB7PKH, President of AROWS, announced that the Flea Market food planning is well underway and going well. Lots more help is needed for helping with the food on the day of the Flea Market. The next meeting is August 17, 1994 and will be at the RCT Clubhouse at 7:00 PM.

PACKET GROUP: Packet Training is scheduled for August 1 1994 at the clubhouse. There will be 3 stations set up for o hands practice and training.

WWA FAIR: Kathleen, NØEYK, is chairing the WWA Fair Booth for the RCT this year and has her sign-up sheet for manning the booth ready for volunteers. It is filling up fast so g your name on the list. Only 2 people in the booth at a time is requested.

FIELD TRAINING SESSION: The next session is August 28, 94 at the McChord Holiday Park and will be "Vertical Antenna Day".

FLEA MARKET: Alan, KB7SVU, announced there will be a meeting on August 4, 1994 at 7:00 PM at the RCT Clubhouse. A the tables have been sold and we are ordering more so the people can be accommodated but table rental will be closed as of August 5, 1994.

We still need Volunteer Examiners for testing that day so please notify Jerry, W7BUN or Shirley, N7QHW if you can help.

MISCELLANEOUS: There will be Soldering Training by Jim, K7YLM at the clubhouse on Saturday August 6, 1994.

Frank, KG7HB, has a 3 section tower for sale.

ARRL NEWS: Mary Lewis, W7QGP, just returned from a board meeting and reports the following:

1] QST is now on the newsstands and she asks that we let her know where we see it.

2] Mary is now E Mail and can be contacted that way.

3] Floods in Georgia - Red Cross accepted only packet messages because it provides a hard copy.

4] Mike is presenting a $150 lifetime fee for Vanity call signs.

5] She asks that we not call the FCC for updates on when licenses will be coming because it only causes further delays.

ADJOURNED: The meeting was adjourned at 9:35 PM.

Respectfully submitted,
Shirley Murphy, N7QHW, Secretary RCT

Radio Club Of Tacoma, Inc.
Board Meeting Minutes
August 3, 1994

The Radio Club of Tacoma Board of Directors meeting was called to order at 7:30 PM by President Jim Kirkreit, K7YLM. There were 7 board members and 8 guests present. A quorum is present for conducting official business.

TREASURER'S REPORT not available.

MINUTES: The minutes of the July 6, 1994 Board meeting were available.

MEMBERSHIP: Total members for 1994 as of today is 539.

EMERGENCY COMMUNICATIONS: Shirley, N7QHW, has spoken with Jan, N7QHU, but has not had a response as of this date.

AUTOPATCH: Shirley, N7QHW, reports that the autopatch has not been changed yet but she will be in contact with Eric, WB7OYL, and work on getting that changed. In the meantime, use the old code if the new one does not work.

FLEA MARKET: Alan, KB7SVU, reports that the sale of tables will be closed as of Friday, August 5, 1994. A final Flea Market meeting will be held on Thursday, August 4, 1994 at 7:00 PM at the clubhouse.

McCHORD HOLIDAY PARK FUNCTION: Jim, KK7YLM, reports that plans are coming together for the Vertical Antenna Training and it is his hope that there will also be digital capabilities for demonstration purposes that day. The AROWS group is planning the food for that day.

RACES/ARES: Shirley, N7QHW, reports that some RCT members have been helping support monitoring 3.987 for Pierce County to support the Eastern Washington fires. All the help has been very much appreciated. This also helps point out the need for getting our operators trained and available for such purposes.

BELT BUCKLE PROGRAM: Kathleen, NØEYK, reports that the estate has not been settled yet so nothing further can be done related to the Belt Buckle program at this time.

CORRESPONDENCE: Shirley, N7QHW, read a letter from Mary Lou Brown, NM7M, requesting she be able to visit the club at the September 28, 1994 and give them an ARRL update. Shirley will be reminding her before that date.

WWA FAIR: Kathleen, NØEYK, reports there are still some time slots available for manning the RCT booth. Ralph, KA7FIG, will work with 1COM for procuring radios for the booth.

CONTESTS: David, WB7AUJ, submitted a request for the Washington State Salmon Run coming up on September 24/25, 1994 of setting up a radio station in a public location and operating it for the contest. Alan, N7EAY, so moved and

Denny, KB7NAG, seconded. MOTION PASSED. He also would like to encourage Single Operator participation by club members by offering prizes for member with first, second and third highest score in two classes: NOVICE/TECH PLUS AND GENERAL AND ABOVE. The board supports this.

David, WB7AUJ, also asked if there had been any chairpersons selected for the Technical Committees as discussed 2 months ago. He also wanted to know if the evaluator for the training programs had been selected. Jim, K7YLM, will look into both of these items.

David, WB7AUJ, would like to suggest to the board that we purchase a MFJ 1278 B for putting the HF station on the air for digital communications and also that we update our UHF/VHF station. The Board suggests that a projected equipment package be put together with a time frame of when it would be desirable

ADJOURNMENT: Meeting adjourned at 8:50 PM.

Respectfully submitted,
Shirley Murphy, N7QHW, Secretary, RCT

Attendance Radio Club Of Tacoma Board Meeting

President	Jim K7YLM
Vice-President	Alan N7EAY
Secretary	Shirley N7QHW

Board members Mac W7MSR; Denny, KB7NAG; Rich, N7ANF; Kathleen, NØEYK.

Guests: Judy AJ7R; David WB7AUJ; Alan, KB7SVU; Ralph, KA7FIG; Mike, WB7DFQ; Russell, KB7UXK; Mike, KB7ZDR; and Frank, KG7HB.

Radio Club Of Tacoma
Minutes Regular Meeting
August 10, 1994

The meeting of the Radio Club of Tacoma was called to order at 7:30 P.M. by President Jim Kirkreit, K7YLM, with 79 members and 2 guests present. A quorum is present to conduct official business.

ANNOUNCEMENTS:

8/13/94 RCT Flea Market at Charles Wright Academy.
8/13/94 RCT All License Class VE Testing at the Flea Market 10:00 AM.
8/24/94 RCT Meeting ***"10-10"*** 7:30 PM at the Library Administration Center 112th E and Waller Rd.
8/28/94 RCT 78th Anniversary Celebration at McChord Holiday Park.
9/7/94 RCT Board Meeting 7:30 PM RCT Clubhouse.
10/3/9 Novice/Technician Class begins at RCT Clubhouse at 6:00 PM.

NEW CALLS AND UPGRADES:

UPGRADE: Brian, KA7KUZ, upgrade to General
NEW CALLS: Cathy Daugherty, KC7ETY.
Jim Halliburton, KC7ETS.
Russ Donahue, KC7EKI.

HINTS & KINKS, TUNING AND TRAFFIC, ETC.: Jim, K7YLM, passed out a reprint, "STICK "EM UP" (install this 2m Bi-loop anywhere).

HEALTH & WELFARE: Skip Hirn, WB7UDF, is at Madigan Hospital in Room 635 and would appreciate words of cheer. Phone number is 968-1054.

TREASURER'S REPORT by Jerry, W7BUN.

GENERAL FUND CHECKING	1,012.27
REPEATER FUND CHECKING	1,128.78
FLEA MARKET CHECKING	1,391.76
MONEY MARKET SAVINGS	8,902.55
SCHOLARSHIP MEMORIAL CD	2,534.61
CASH ON HAND	70.00
TOTAL ALL ACCOUNTS	$15,039.97

MEMBERSHIP: There are 543 members as of this date for 1994.

MINUTES: Previous minutes are available at the front of the room.

RACES/ARES: Shirley, N7QHW announced that there will be a mock search the third weekend in August and an excellent opportunity for new people to be trained on TAC ONE. To volunteer contact Tom Stanley, KB7VOO, at 458-4713 or Dave Brinkmann, N7UNN, at 752-9191. She also reported on the activities related to providing communication support for the fires in Eastern Washington. There were people who went over to E Washington as well as persons who monitored the Washington State Emergency Fire Net 24 hours a day for slightly over 8 days. All together there were 20 people participating with a total of 1200 hours and 4000 miles driven by Pierce County Volunteers. She reminds everyone that the Radio Club is an OES and needs to work on getting organized for staffing the station under circumstances such as the fire. Since it is HF and 75 meters, it also means a general class license or higher is needed so upgrading is an important consideration for all to think about.

AROWS: Marilyn, KB7PKH, President of AROWS, announced that the Flea Market food planning is going well and more help is still needed. The next meeting is August 17, 1994 and will be at the RCT Clubhouse at 7:00 PM.

NOMINATING COMMITTEE: Jim, K7YLM, announced the appointment of the nominating committee. The members are Worth Gurley, W7WG; Andy Braaten, KB7DOX and Marilyn, KB7PKH.

PACKET GROUP: Packet Training is scheduled for August 18, 1994 at the clubhouse. There will be 3 stations set up for on hands practice and training.

WWA FAIR: Kathleen, NØEYK, is chairing the WWA Fair Booth for the RCT this year and has her sign-up sheet for manning the booth ready for volunteers. There are still openings for staffing the Fair Booth in the afternoons and evenings. Only 2 people in the booth at a time is requested.

FIELD TRAINING SESSION: The next session is August 28, 1994 at the McChord Holiday Park and will be "Vertical Antenna Day as well as a Digital Seminar".

MISCELLANEOUS: Tressie, KC7BAL, announced that there will be RCT T-shirts for sale this evening as well as at the Flea Market.

Mac, W6NBD, announced that the Antique Radio Statio at the Clubhouse Museum is operable now.

NEW MEMBERS: Certificates were available for the followin new members: Garrett Pessemier, KB7IOG; Major G Owens N7GSF; Tony Sponarich; Barbara Llapitan, N7YFK; Bo Curran, KA7JDW; Russ Donahue, KC7EKI; Robert L Cook KB7YTH; Becky S Carter, KC7ETZ; Robin J Carter, WA7BR and Carolyn VanValkenburg, KC7ETN.

LOGGER CONTACTS: Guy Carlsen, KC7AIW, received certificate and one endorsement and Tressie, KC7BAL received one endorsement.

FLEA MARKET: Alan, KB7SVU, completed the meeting b explaining the physical area for the Flea Market and wha would be happening where and when and procurin volunteers for specific tasks.

ADJOURNED: The meeting adjourned at 8:25 PM.

Respectfully submitte
Shirley Murphy, N7QHW, Secretary RC

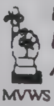
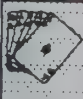
For Sale

18HTS Hightower 55ft, Vert. antenna with 160 mtrs. Use four months and mobile park owners said, 'Take it down! Sale Price is $475. Will consider trades or smaller Vertical.

Call Rich, NE7T, 537-3989

September 1994

W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1 #JIM'-WA7DWG	2 # HOWARD-N7RHM # GAIL-N7BVS # STUART-W7OQQ # SUSAN-N7WHA	3 PINOCLE/ Potluck Clubhouse 7pm # DAVE-K7LHB
4 L'-KA7MYU RLE-W7QLG	5 *LABOR DAY* # TOM -W7PK # JIM'N7WGN # DAN-K7ASY	6 147.28 NET 7:30 PM --------------- #WALT'-W7DAH # CARL - N7UDP #GENE'- W7EOF #DICK'- N7RHV	7 Board Meeting Club House 7:30 pm.	8 # JUDY -AJ7R #ILLEANA-W7RHM	9	10 VHF QSO Party #AL' - KF7RV
H QSO Party DN' N7VXJ	12 #CHUCK' N7WGW # ERIC - N7TXO # FRED -WA7SJD	13 147.28 NET 7:30 PM ---------------	14 W7DK MEETING Library 112 St.E.& WALLER RD.7:30pm	15	16	17 # JERRY-KB7RIB
8 RTH -W7WG HER-N7ENT RY N7YHP	19 #VAL'-KA7FLH	20 147.28 NET 7:30 PM ---------------  *LOGGER'S BARK "DEADLINE"* MVWS VB TESTS #DAVE'N7UNN	21 ARROWS {Pot Luck} Clubhouse 6:30pm # GARY-N7GWC #"JON"- KC7DKH	22 #CHUCK'-W7PWN	23 #JOE'-KA7DCX *Autumn begins*	24 WASH. STATE SALMON RUN
5 L STATE MON RUN C'-KG7SM	26  LADY'S PINOCHLE CLUB- HOUSE NOON #ALEX'-KB7LNZ #BUD'- KC7AVT #FRANK BANNON	27 147.28 NET 7:30 PM ---------------	28 W7DK MEETING LIBRARY 112 St.E. & WALLER RD.7: 30pm #HAROLD-KA7MZA # GEORGE-N7TEP #BOB'- KC7BAS #LORNA -KB7YTJ	29 # JOHN-WB7ARK #CECIL BURLESON	30 #ARCHIE VanVALKENBURG	

August

S	M	T	W	T	F	S
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7	8	9	10	11	12	13
14	15	16	17	18	19	20
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28	29	30	31			

October

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16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

apy Birthday!

Coming Events

SEP 2 - H P Maxim Birthday Celebration
SEP 3 - Pinochle/Potluck 7 PM Clubhouse
SEP 3/4 - All Asian Contest
SEP 3/4 - Bulgarian [LZ] DX Contest
SEP 3/4 - Radio Club de Panama XXIII Ann. Contest
SEP 3/4 - Michigan QRP Labor Day CW Sprint Contest
SEP 7 - Board of Directors meeting - 7:30 PM - at the Clubhouse - all members are invited.
SEP 7/9 - YLRL Howdy Days Contest
SEP 10 - North American Sprint CW Contest
SEP 10/12 - ARRL September VHF QSO Party

SEP 14 - Club Meeting Library Center 112th & Waller Rd. - 7:30 PM - **Program: *"Spectrum Management*** Jeff Rennaker, N7PUI, will discuss upcoming changes in military spectrum management. Jeff is th Frequency Manager for the 1st Special Forces and recently attended a spectrum management workshop i Hawaii.

SEP 10/12 - Worked All Europe SSB Contest
SEP 17 - North American Sprint Phone Contest
SEP 21 - AROWS 7:30 PM Clubhouse
SEP 24/25 - Washington State Salmon Run

SEP 28 - **Club Meeting** Library Center 112th & Waller Rd. - 7:30 PM - **Program: *"QRP"*** Bill Todd, N7MFB will explain the fun of operating low power equipment (QRP). Bill is President of the Northwest QRP Clu and he will tell how to get involved in "low power" activities.

SEP 24/25 - CQ World Wide RTTY DX Contest
SEP 29 - Ladies Pinochle 12 PM Clubhouse
OCT 1 - Saturday Radio Theory Classes Begin - 8:30 AM
OCT 3 - Class begins for Novice and Technician licenses.
OCT 12 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - Program: "Antennas"

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

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THE LOGGER'S BARK
RADIO CLUB
W7DK
OF TACOMA

/OL. XXXI NR.10 W7DK OCTOBER 1994

From The President

de Jim K7YLM

What a wonderful summer we had. I can't remember a summer with better weather. I also can't think of a time the Radio Club has done more things. Wow! it's been great!

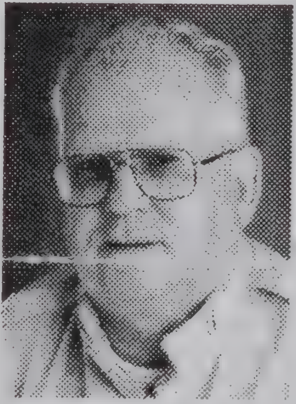
I Looked over my calendar and realized that the fall and winter look a bit quiet. Then I thought of some super ideas given to me by our Education Coordinator Bill Shimmin W7GBC. His first words were for our entire club. Work on that upgrade! We are here to help. When we can et enough interest in general, advanced, or extra, we will start a lass. If you are interested in learning or if you can assist with eaching give Bill a call at 582-1086.

Bill's second thought was for our club to start Special Interest iroups (SIG). These groups would be formed to provide activities vhich could be assisted by ham radio but are not exclusively ham elated. Here are a few possibilities - computers (both operating nd programming), - bowling, - travel to other Clubs, camping, shing and hunting. These are only a few SIG's which might be tarted. I will be anxious to hear from you about your interests. If ou would like to be a part of a new SIG or better yet if you would ke to be the chairman, let me know. I just know we are going to ave a lot of fun.

One more thing. It is election time again. If you are interested trying for one of the officer or board of director positions, get out here and give it a try. There are four board positions plus resident, Vice President, Treasurer and Secretary. It's challenging, ery rewarding and fun. If you are interested or know of someone vho is interested in an office, talk to one of our nominating ommittee members: Marilyn Olson KJ7BN, 845-8346; Andrew raaten KB7DOX, 922-5431; or Worth Gurley W7WG, 582-3844. emember, this is your club. If you have the desire and can spare ome time, The Radio Club of Tacoma can sure use your guidance.

Editor's Log Pile

de Ralph KA7FIG



To inform the Club's 557 members this month the Election Committee is publishing a brochure offering Candidate's statements, complete with picture. This offer is strictly voluntary and should in no way impinge upon a candidate's position to run for election.

Because the Club is using a **Written Ballot**, to be sent October 20, the Election Committee has determined that the most fair way to provide Candidate's information to the membership is to have a forum in which all of the Candidates could participate. The election information will be mailed in conjunction with the ballot which would be informative and cost effective.

After the nominations are closed, Oct. 12, all nominees are invited to have their picture taken by Ted, KC7CAX, at his studio in his home, by appointment only, at the *Bark's* expense. Contributing reporters of the *Bark* will be available to assist any Candidate in writing a statement pertinent to the position the nominee is seeking.

The statement, including picture, shall not be more than one half column in length and is subject to editing by the Editor. There are several articles in this *Bark* which invite membership participation. Your participation in this annual election indicates your recognition of the value of the Club. We appreciate your desire to risk election so that you might direct your energies to the Club's government.

We are breaking new ground with this format to introduce the Candidates to the Full Membership. The voter's pamphlet should assist the members in making a more qualified choice. Good luck to you all!

Timber

PACKET

On the weekend of September 18 I had the opportunity to talk with Ed Hare of ARRL Headquarters. He stated that in an emergency the am is always there with VHF, HF and packet. He also stated that many emergency organizations are now requiring a hard copy covering ie details of the emergency. Only digital communication can fill this requirement. He requested that our club conduct continuous training to over these situations. I assured him that the Radio Club of Tacoma shared his goals. Join us in learning about packet and all forms of igital activities. Digital is the wave of the future.

Jim K7YLM

RADIO CLUB OF TACOMA
1994

PRESIDENT	JIM KIRKREIT	K7YLM	927-7825
V PRESIDENT	ALAN ALLEN	N7EAY	475-7413
SECRETARY	SHIRLEY MURPHY	N7QHW	265-3661
TREASURER	JERRY SELIGMAN	W7BUN	845-7652
BOARD (4)	DENNY FIELD	KB7NAG	NONE
	RICH MANSON	N7ANF	474-8883
	JOHN McALLISTER	W7MSR	952-7388
	KATHLEEN NACE	NØEYK	862-8635
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	MARILYN OLSON	KB7PKH	845-8346
	BILL BOYLE	KB7CNN	588-7763
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COMPOSITOR	"NICK" OLSON	N7BCV	536-8940
PUBLISHER	W7DK PRESS	N7QHW	265-3661

* * *

CLUB MEETINGS

7:30 pm
Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411. 206 / 759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Mail all articles and advertising to Ralph Fuller, KA7FIG, 3208 Southway SW. Tacoma, WA. 98498. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO ***THE LOGGER'S BARK***, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK / Radio Club of Tacoma

147.88/.28 MHz — 144.97 - Packet
147.98/.38 MHz (pl 103.5) — 441.00 - Packet
224.52 MHz

New Members as of September 19, 1994

Jeff Holwege, AB7DN RCT# 1760
John Holwege, KC7BKA RCT# 1761
Roxann Holwege, KJ7BO RCT# 1762
8120 199th Ave. Ct. E.
Bonney Lake, WA 98390 862-8905

Jim Maloney, KFT7FB RCT# 1763
10724 109th St. SW - #40
Tacoma, WA 98498 582-1599

Twyla Jones, KBØ0BB RCT# 1764
715 W. Locust
Bowling Green, MO 63334 314-324-322

Doug Payne RCT# 1765
9411 156th Ave. Ct. E.
Puyallup, WA 98372 848-9576

Janice Carlsen, KC7EUA RCT# 1766
759 114th St. S.
Tacoma, WA 98444-3246 536-4562

Mark Weitzenhoffer, KC7FAA RCT# 1767
2233 S. 361st St.
Federal Way, WA 98003 874-2714

John E. Giles RCT# 1768
USNS Silas Bent (T-AGS 26)
FPO, AP 96661-4005 011-873-150176

John M. Newsome, KB8MAU RCT# 1769
1911 104th St. Ct. S.
Tacoma, WA 98444 539-8392

John T. Ege, KC7FGG RCT# 1770
1015 E. 60th St.
Tacoma, WA 98404 475-9058

Al Walles, KC7AZZ RCT# 1771
5930-A Hannah Pierce Rd.
Tacoma, WA 98467 474-8514

Charles A Coulter, W7SZM RCT# 1772
909 N. "I" St. - #406
Tacoma, WA 98403 593-6991

Lawrence (Larry) Grala RCT# 1773
3202 S. Mason Ave.
Tacoma, WA 98409 627-4984

Cully Woods, KC7FBS RCT# 1774
John Woods, NI7U RCT# 1775
Michael Woods, KC7FBF RCT# 1776
9405 50th St. Ct. W.
Tacoma, WA 98467 565-1729

Jeff Watterson, KB7NHB RCT# 1777
1609 N. 10th
Tacoma, WA 98403 572-9527

Reinstatement

Bill Rohrer, W7IJ RCT# 381
508 189th St. Ct. E.
Spanaway, WA 98387 847-1047

Address Changes

George Warner, KB7NDC
11807 74th Ave. E.
Puyallup, WA 98373

Andrew Yates KB7YGL RCT# 1652
1215 7th SE Apt. B 10
Puyallup, WA 98372 770-1025

Wil Steklenburg, N7AZN
1338 Steele Creek Dr.
Bremerton, WA 98311 206-613-531

Randy Treit, KV7AVA
240 Shorewood Ct.
Fox Island, WA 98333 549-2887

Russ Donahue RCT# 1753
4017 S Bell St.
Tacoma, WA 98408

New Calls

Don Olson (KB7GBK) Now AB7DS
Marilyn Olson (KB7PKH) Now KJ7BN
Frank Bannon - KC7CQW

RACES
ARES

de Shirley N7QHW

Searches, whether it be for lost individuals or evidence, etc., continues to be the prime activity for RACES/ARES members this month. We're happy to report positive outcomes so far except for the evidence search which turned up nothing as I understand it. So, with all this activity, we really need you to help us. It's a great way to provide a service for your community so sign up and join us.

We did have a volunteer step forward to fill the Central District Coordinator position. Just to refresh your memory, the Central district is composed of Zones 2, 3, and 4. Don Wagoner, KB7SPQ, is our new Coordinator. Welcome Don to our management team. I understand he is already hard at work trying to fill the Zone 2 Manager position. Maybe next month, we'll have news on that.

A determination has not been made yet on our level of participation for the ARRL annual SET (Simulated Emergency Test) exercise which is due on the weekend of October 16/17, 1994 but our participation can be any time between September 1 and October 31.

Coming in April of 1995 will be a statewide exercise simulating an earthquake. This will be during the week and over several days so put it on your calendars because lots of volunteers will be needed. I will provide more information as it is available.

Emergency Preparedness Tip Of The Month

Continuing on with our Family Disaster Supply Kit, this month we will list:

TOOLS AND SUPPLIES

Mess kits, or paper cups, plates and plastic utensils; Emergency Preparedness manual; Battery operated radio and extra batteries; Flashlight and extra batteries; Cash or raveler's checks, change; Non-electric can opener, utility nife; Fire extinguisher: small canister, ABC type; Tube tent; Pliers; Tape; Compass; Matches in a waterproof container; Aluminum foil; Plastic storage containers; Signal flare; Paper, pencil; Needles and tread; Medicine dropper; Shut-off wrench, o turn off household gas and water; Whistle and Plastic heeting. SANITATION supplies include Toilet paper, owelettes; Soap, liquid detergent; Feminine supplies; Personal hygiene items; Plastic garbage bags, ties; Small hovel, for digging an expedient latrine; Plastic bucket with ght lid; Disinfectant and Household chlorine bleach.

Amateur Radio
10 Commandments

de Denny, KB7NAG

Thou shall not kerchunk.
Thou shall not transmit without first listening for a clear frequency.
Remember thy language and keep it holy.
Thou shall not play on the repeater.
Thou shall not autopatch without first identifying.
Remember to calm thyself when using 911.
Thou shall not covet thy neighbor's frequency.
Thou shall not tailgate thy neighbor's air space.
Thou shall not cause intentional interference.
0 Thou shall not report a false emergency.

A.R.O.W.S

de Marilyn KJ7BN

Our Radio Club of Tacoma shirt sales are going well and so are the hat sales. Anyone interested in purchasing or ordering either should contact Tressie Hughes KC7BAL 840-4947.

We had a particularly wonderful time at the McChord Training Session/Potluck. We fed 95 people. Many thanks to all who contributed, making it the most successful outdoor session yet.

We'll start working on our Christmas project in October. Don't forget we'll be having Radio Club of Tacoma elections soon and we want to encourage all of you to be a part of the decision making. This is your club. You each have a voice.

We still would like to encourage more ladies to come and be a part of A.R.O.W.S. The next meeting is Wednesday, October 19 at 7:30 pm at the clubhouse. We look forward to seeing you all there.

Slivers and Splinters.

Ken Anderson WB7QNT almost made a trip to Oregon to visit his son but some nagging back problems put him on hold. Give him a call. He could use a bit of cheer. Ken KB7SOU had a nice time at the Walla Walla Hamfest. I sure wish you would have brought your ice cream truck. Alan, KB7SVU, and Jim, K7YLM, gave a talk to a group of scouts. Good job too, because the scouts now want to work on getting a license. Seen at the clubhouse, the contest group Ron, WA7UQV; Rick, N7UFB; Zach, KC7AZO; and George, WA7BHH; led by David, WB7AUJ; put up a big UHF antenna just outside the back door of the clubhouse. Wow! a 40 foot tower too. The Radio Club of Tacoma has been a big hit at its booth at the Puyallup Fair. Thanks Kathleen, N0EYK and Roger, K7AYC; for the nice setup and planning. Thanks too to Mac, W7MSR; for the computer used for packet messages. Al, KC7DDA, sporting a new tower, quad and ham shack. Lots of DX on the way. On the counter of the radio booth at the Fair there was a great photo of Alex, W7AZR. It showed his super station too. Brian, KA7KUZ, had a few problems in tuning his station. Sure was nice of you Alve, KB7BRT, to give him a hand. Thanks Alve. Andy, KB7DOX; seen helping his daughter with her new sheep and lambs. Art, AA7EO, seen giving the club a hand with the moving and storage of the Flea Market pallets. Sure was nice of you Art. Ralph, KA7FIG was seen on his motorbike picking up info to print the Bark. Dolly, XYL of Al ,KD7HXI, back home after a short stay in the hospital. Nice to have you back, Dolly. Rob, K7TGU, was seen and heard operating mobile CW at the Pt. Defiance RCT ham radio demo. Would you believe 30 states and 8 countries? Mike, KB7QOP and Randy KC7AVA, put on a great show at the Pt. Defiance ham radio demo. Lots of contacts and lots of interest by the visiting public. Thanks also to Denny, KB7NAG, for the packet demo and Danny, KC7CUQ, for bringing his radio. It was a warm day with lots of sun. Thanks Link ,N7CEO, for the cans of pop. You saved the day. Congrats Gene, W7GOF, on that upgrade to advanced. You are a great example for all of us. A while back RCT had trouble with our generator. The machine work was done by Al, WA7DUK. Thanks, Al for getting our equipment back on the air. Russell, KB7UXK, has done it again. More contacts via packet with the Russian Space Complex and the Shuttle.

W7DK is planning a hands on DiPole antenna training session. If you are a new amateur or just want to learn a few tricks, we will give you a hand. More info to follow.

News From ARRL & Westlink Report

de Jerry W7BUN

Nominees for the ARRL Northwestern Division Director and Vice Director have been confirmed for terms of office starting January 1, 1995. For Director: Mary Lou Brown, NM7N; Mary Lewis, W7QGP; and Don Clover, KA7T. For Vice Director: Gregory Milnes, W7AGQ; and Clay Freinwald, K7CR. Ballots should be received by all ARRL members by early October.

The National Telecommunications and Information Administration (NTIA) has recommended that 200 MHz of radio spectrum be reallocated from federal government to private use. 50 MHz of the reallocated frequencies are in the amateur 2300 MHz band which is shared by Amateur Radio on a secondary basis with Government services. ARRL's effort to protect the amateur frequencies took a step closer to success, with the release of a report from the FCC to the Commerce Department that strongly supports continued Amateur Radio presence in the band. The Commerce Department has until February 10, 1995, to present to Congress a final report identifying and recommending spectrum for reallocation.

The FCC has issued a Notice of Apparent Liability to Monetary Forfeiture (NAL) for $7,000 to amateur radio operator Juan Rodriguez, NP4VG, of Catano, Puerto Rico. Rodriguez failed to remove his repeater when told to do so by an ARRL recognized frequency coordinator. He is cited for causing willful interference to a legitimately coordinated repeater. This step by the FCC recognizes the legal right of frequency coordinators to make decisions concerning who may or may not have a repeater on the air, including the power to order a repeater off the air.

Eliminating mandatory Morse Code testing for any class of ham radio license anywhere in the world is the goal of a New Zealand based organization which calls itself the Organization Requesting Alternatives by Code-Less Examinations (ORACLE). ORACLE plans to take its campaign directly to the International Telecommunications Union (ITU) at the next World Radiocommunications Conference.

Amateurs in the Washington, DC area have announced a plan to sponsor a second World Radiosport Team Championship in July, 1995. It would be patterned after the WRTC held in Seattle in 1990. The Potomac Valley Radio Club (PVRC) will lead a team of other clubs and individuals to put on this event.

The ARRL is currently working to develop materials for disabled individuals with an interest in amateur radio. If you have knowledge of devices to help or solution to problems faced by the disabled, contact Mary E. Garcia, N7IAL, ARRL Program for the Disabled, 225 Main Street, Newington, CT 06111.

The FCC is considering revoking the Technician Class license of Kevin Mitnick, N6NHG, based on his conviction and jailing on computer hacking charges. Mitnick is now the object of an all-points arrest warrant on alleged new computer hacking charges.

WB6CWN has set a new North American 10 GHz DX record using tropo-scatter and ducting. The contact took place August 25th over a path of 698 miles to N6XQ/XE2 who was operating at 2,000 feet in the Sierra Los Indios Mountains in Mexico. WB6CWN was in the Central California coastal range at 5,200 feet. The previous 10 GHz North American record was 635 miles.

W7DK HF Station

de Brian KA7I

I have been asked to be W7DK HF Station Manager responsibility that I take serio and hope to have some fun at it It would be very easy for me to that I'll do this, that, and the othe the station but in the end this w only serve my interests and not club's. What I would like to do hear some of your suggestions. far I've heard club members war satellite capabilities, HF R Packet, and AMTOR, the abilit work 160 and the WARC ba additional stations so that more than one operator can wo a time, quarterly awards for working the rarest contact, QSL card etc. If you've got some ideas come see me, I'd to hear them. If you can write them down it's much easie me to remember with my busy lifestyle. If you can't catch in person drop me a note via packet - my mail box is on W7DK BBS. Keep watching future editions of the *BAR* when I'll get your ideas laid out for making W7DK a w class radio station.

For now there are a few things that I will be doing that really improve the image of the station. I thought I would with a new paint job and new carpet. If any of you have the antique wireless museum recently you can appre what a new paint job and carpet can do for improvin image. It has also become increasing evident that some of computer logging is needed especially in light of the Hi Percy Maxim contest. The club now has a donated computer that can be pressed into service for general contest logging. I would like to ask any club members contest or general computer logging programs to loan m copy so that the club can evaluate several different t before making a purchase.

I would like to make a general note about the power mic gain settings on the OMNI Transceiver in the sta There have been a few times when these controls have beer incorrectly and have resulted in some very distorted signals. output power setting is usually correct in the 3 o'clock position. doubt set the meter switch to FWD and key down.

Adjust the power setting so that the meter reads watts output. Turning this up beyond 100 will not result in further gain of output power and will only clip your signal, distorting it. The mic gain setting is usually normal setting of 1. Close the switch to the microphone and spea a normal tone about an inch and a half from the front of the

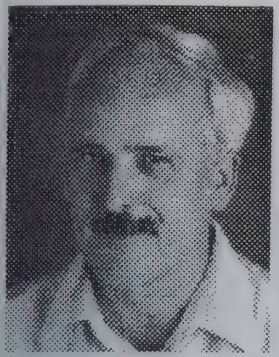
The ALC light should blink just on the voice pe Turning this up will only distort your audio signal. Take a moments before you begin transmitting to see that th settings are correct and you will have an excellent signal.

I would like to point out that this station is for everyo use. I encourage all members from novices to extras even those without a license to come to the clubhouse give this station a try. If you want to work outside your lic limits there's always a control operator available. If you to use the radio on your own see me or Jerry, W7BUN, we'll give you a basic run down on how the station work should have the check out procedure simplified shortly each person being checked out provided with copie essential portions of the operator's manual for later review

In the meantime, come on up to the clubhouse and the station a try! There's always a contest going o someone who wants to rag chew. **-73-**

Contesting

de David, WB7AUJ



The Hiram P Maxim 125th Anniversary Celebration was a HOT operating event. We were on the receiving end of pile-ups like you hear DX stations getting into. Saturday, September 10th, Val N7VGO had to leave with people saying please don't go. Jerry W7BUN had a run of about 75 contact in 30 minutes on 15 meters on Sunday the 11th. As this is being written, we don't have a total on the number of contacts but Brian, KA7KUZ thinks it is in the neighborhood of 900. We made enough 125 contacts to qualify for the certificate with a couple of endorsements.

On Saturday, August 20, W7DK participated in the North American QSO Party (Phone) sponsored by the National Contest Journal. This was a relatively short contest, only 12 hours, but a lot of fun. In that short period, we worked 44 states, six Canadian provinces and a couple of DX stations including Cayman Islands and Brazil. Brian Lee, KC7FAE, got his license Saturday morning in the mail. Saturday night he was at the clubhouse getting his feet wet in contesting.

The week-end of September 10-11, W7DK participated in the ARRL VHF QSO Party using borrowed equipment thanks to Ric, N7UFB. There had been concern by some that we would interfere with the repeater if we operated from the club house. We operated 144 (SSB and FM), 232 and 440 and to the best of my knowledge, there were no problems. We scored about ten points less than the only multi-operator station that submitted a log last year. Not bad for getting a late start because we had problems getting our antennas up. Hopefully, next year we will be better prepared.

Thanks to KC7FAE, KC7AZO, KC7AVT, KB7IOG, KB7NAG, KA7KUZ, KA7WGG, WA7BHH, WA7UQV, N7UFB, N7VGO, AJ7R, W7BUN, K7YLM for putting W7DK on the air. A special thanks to Ric, N7UFB for bringing his radio to the Club House for the VHF contest.

You will note that some of this calls listed as participating hold only a Technician Class license. This is possible because someone with a General Class or higher license is present as a control operator. Come on over and give operating in a contest a try.

There is quite a line-up of operating events in October to choose from. Even a couple for the YL's again. The CQ WW DX SSB is the first of four major contests in October and November, CQ World-Wide (SSB and CW) and ARRL Sweepstakes (SSB and CW). Besides the contests, there are two operating events the week-end of October 15-16.

The first is the Boy/Girl Scout Jamboree-On-The-Air (See last month's Bark for details). This is an open door opportunity to introduce young people to amateur radio. Whether you like Wayne Green or not, I think he is right when he says that getting young people into amateur radio is essential for the future of our hobby. Still need help in putting this one together.

The second is the Simulated Emergency Test sponsored by the ARRL, Amateur Radio Emergency Service (ARES) and the National Traffic System (NTS). As an Official Emergency Station (OES), we need to know how to interface with the National Traffic System. The SET week-end provides an opportunity to test plans and capabilities of moving emergency and health-and-welfare traffic into and out of disaster areas via the NTS. Contact David Brinkmann, N7UNN, Pierce County Emergency Coordinator, for more information on this event.

-73-

October Operating Events:

OCT 1-2	VK-ZL SSB Contest
OCT 8-9	VK-ZL CW Contest
OCT 8-9	Pennsylvania QSO Party
OCT 9-10	Illinois QSO Party
OCT 12-14	YLRL Anniversary Party (CW)
OCT 15-16	JARTS WW RTTY Contest
OCT 15-16	**Simulated Emergency Test**
OCT 15-16	QRP ARCI CW QSO Party
OCT 15-16	**Scout Jamboree-On-The-Air**
OCT 15-16	RSGB 21/28 MHz CW Contest
OCT 26-28	YLRL Anniversary Party (SSB)
OCT 29-30	**CQ WW DX SSB Contest**
OCT 29-30	ARRL International EME Competition

Election Of Club Officers

de Shirley, N7QHW

It has been brought to my attention that there is not a clear understanding of the election process for our club. Section Four of our By-laws cover the election process:

(A) **ELECTION COMMITTEE.** On or before the regular September meeting of each year, the President will appoint an Election Committee consisting of a Chairperson and at least two other full members who are not current officers or are not running for re-election. Members of the Election Committee will have been full members of the club for at least two years. All officer nominees will be Full Members of the Club as defined above. The committee will nominate at least one candidate for each Officer and Board position. Additional nominations will be accepted from the floor at the October regular meeting. (The regular meeting is defined in the By-laws as the first meeting of the month.)

(B) **BALLOT.** Election will be held by secret written ballot. Candidates for each office will be listed in alphabetical order by last name. The Election Committee will be responsible for composition, distribution and collection of all ballots. Ballots will be mailed to all voting members in good standing on or before October 20 of each year and will be returned by mail postmarked no later than November 5 or personally delivered to the Elections Committee Chairperson prior to the start of the November Annual Meeting. The ballot as issued by the Elections Committee will be the official document used for conducting the election. No other form, facsimile or copy will be accepted or counted. Voting by proxy will not be permitted.

(C) **VOTE DETERMINATION**. The Election Committee or their designees will accumulate and tally all ballots and will announce the results of voting at the November Annual Meeting. A majority of all cast votes will be necessary to elect an officer, except those candidates for Trustee (Board Member) will be elected by a plurality (for example the three candidates receiving the most votes would be elected). If there is a tie vote such as to prevent determination of the top three votes, or there is no candidate for an Office who receives a majority of the votes, a written run-off election will be held at that meeting until a final determination is made. All ballots will be retained by the Election Committee for a period of thirty days after the election.

Hopefully this will help everyone to understand our election process better. Our Election Committee this year is Marilyn Olson, KJ7BN; Andy Braaten, KB7DOX; and Worth Gurley, W7WG. Each Candidate will be asked this year to write a statment about themselves which will be included with the ballot to aid members in making their choices when voting. Each statement shall be sent to the Editor of the *Bark*. I encourage you to get involved and be willing to run for an office or a Board position. It is amazing how much one learns about our club when filling an office or board position. By the time this article is read, the Election Committee will already have announced their slate of officers but nominations from the floor will be taken at the first meeting in October. So it is definitely not too late. All positions are available for nominations.

Autopatch Use

Identify Identify Identify

It has been suggested that a reminder may be beneficial on using the autopatch.

When using the autopatch for calling Emergency numbers, it is extremely important to remember that the key word is **EMERGENCY.** An emergency is defined as being any situation that could be considered life threatening. Anyone can access the club autopatch for emergency calls.

If the frequency is in use, break into the QSO and ask to use the autopatch for an Emergency call. You must first key up and identify yourself and say "emergency access to the autopatch", unkey to be sure frequency is clear and then key up and punch in 911* which dials you directly to the enhanced 911 system for Tacoma/Pierce County. If the Washington State Patrol is needed you can simply dial 910 * and this will dial directly into them. When either of these agencies answers, identify yourself as an amateur radio operator calling via amateur radio. Give them a **BRIEF** description of the emergency situation, and unkey. Please do not give your call sign unless you are asked for it. The reason for giving a very brief description is that the autopatch will not allow the dispatcher to interrupt a long, detailed description to tell you that the incident has already been reported. You need to be prepared to give a detailed description if they ask for it and know your location because it will not show up on their screen. This is another reason for identifying as calling on amateur radio, their screens automatically come up with the words **"DO NOT RESPOND"** because they know these telephone numbers are repeater sites.

When using the autopatch to place a personal phone call, key up, identify yourself with your call sign, followed by the words "accessing the autopatch", then unkey. If there is no objection, key up, enter the access code, the phone number you are calling, and a *. Unkey and wait for the receiving party to answer. Inform them that you are calling via amateur radio.

Upon completion of any call, key up and press the # key, followed by your call sign, and the words "clear of the autopatch". -73-

20 Years Ago - October 1974

The Building Committee is ready to finish the upstairs in the clubhouse. They will be removing the chimney, finishing the floors, and installing railings for the stairwell. First priority is finishing the museum.

The Stillaguamish campout was a success with seven trailers, one tent, two motorcycles, and one station wagon full of day-timers. Also, last month, nine Club members camped out near Newhalem in the North Cascades. Cliff Osborne, W7MFG, is looking for more members to join the Bowling Team. Janet, WA7WMB, announced the Pierce County AREC (now ARES), has 50 members and meets the last Thursday of each month at the clubhouse. Dick Palmer, W7WQT, passed away. Dick worked for C & G Electronics, and was a Lt. Colonel in the National Guard.

Dennis, W7UBA, reported that Hamfair-74 was a great success and we cleared about $1200. 18 Club members attended the ARRL Northwestern Division dinner held at the Sea-Tac Holiday Inn. Nine members attended the Walla Walla Hamfest. Novice classes at the clubhouse are completely filled.

Give a listen to radio activities in Haiti on a frequency of 8560 KHz USB, 6363.1 KHz USB, 7.3 MHz to 8.2 MHz SWBC and 5 MHz to 6 MHz SWBC. In addition, try 5335 KHz, 4299 KHz and 6983 KHz. Info taken from W7DK packet BBS.

Countdown to Flea Market

Hiram P. Maxim Birthday Celebration

de Brian KA7

Most of you may remember in the August *Logger's* David WB7AUJ, told us about the 125 anniversary of the of Hiram Percy Maxim, W1AW, co-founder of the ARRL its first president. To honor this event the ARRL sponso contest whereby all designated ARRL members, staff, special stations would operate by signing /125 after their W7DK, because of its ARRL "Official Emergency Sta status was one of the stations signing /125.

W7DK started on the air on Sept. 3rd and finis working on and off until the end of the contest on Sept. The final tally was 127 /125 contacts which earned W7D highest possible award for the contest. (See the August of QST for the rules of this contest and the September of QST for a picture of the certificate). During this co W7DK worked all states and made numerous rare fo contacts. The outstanding contacts were:

VK3BYE	Melbourne	VK4DDV	Sunshine Co
ZP5FNA	Paraquay	ZP6XR	Paraquay
VR6PAC	Pitcairn Island	VR6DB	Pitcairn Islan
FS5PL	Saint Martin	6Y5DA	Jamaica
HB9DX	Switzerland	LY3BA	Lithuania
PT2TF	Brazil	9G1WJ	Ghana
HI8LC	Santa Domingo		

The most outstanding thing that could be said about contest was the pile ups that occurred after just a few call CQ. Bud, KC7AVT commented "You would call W7DK/125 and a wall of noise would come back to you f seconds as hundreds of people wanted to make contact W7DK" For many of us this was our first opportunity to b the other side of a pile up. At the height of the pile ups W was making 3 to 4 contacts per minute. When the dust fi settled W7DK had handed out over 1,350 contacts to ot trying to make their minimum number of contacts for an award.

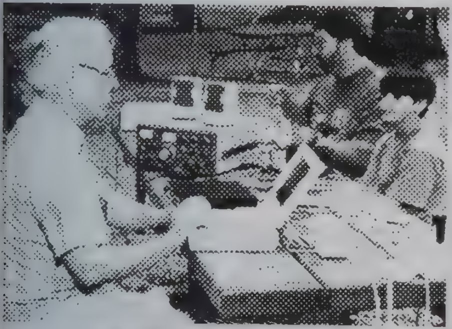
I would like to thank, Judy, AJ7R; Jim, K7YLM; WA7UQV; Jerry, W7BUN; Bud, KC7AVT; Dan, N7Q Mike, KB7QOP; Randy, KB7AVA; Eric, N7EPB; and N7VGO; for their outstanding efforts in making this co happen for W7DK. I had a great time participating myself!

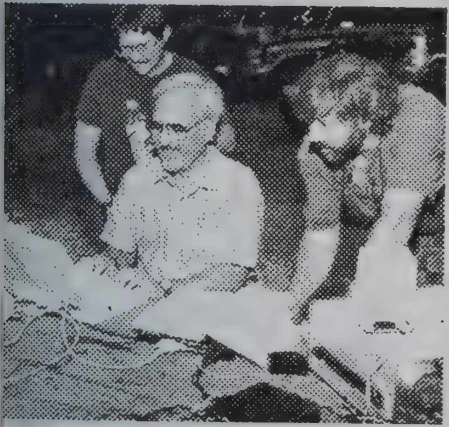
Once again W7DK has proven itself in another co and has demonstrated that it is truly a world class r station. -73-

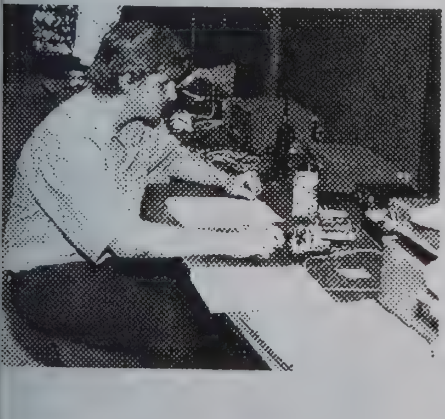
When you want info on DX station schedules or Islands On Air (IOTA) check into the W7DK packet BBS. It always has latest info available.

W7DK Antenna Party & Picnic

Lots of operating positions...







...conferring with colleagues...

...class is in session...

no Logger's contacts here...

What is this man selling?

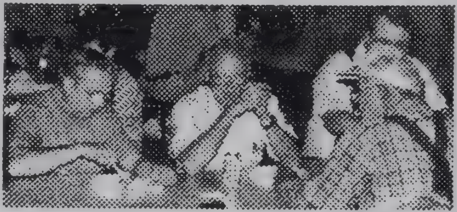
Who has the biggest mouth?

I believe we have a winner...

...no MREs here...

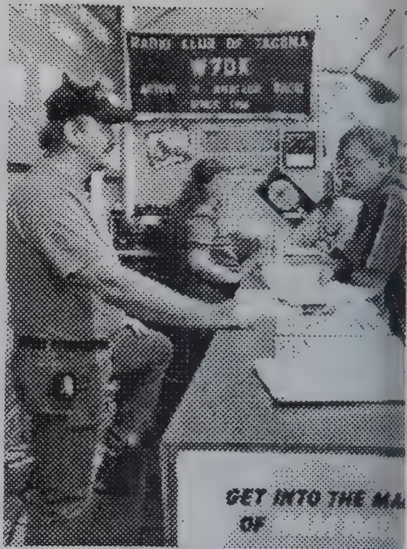
..dishing up the chow...

lot's of communicating going on...

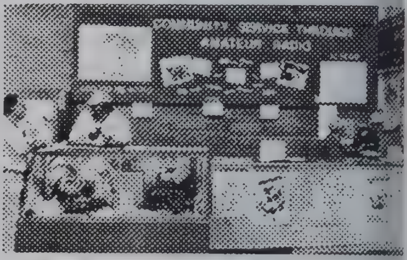


we checked -
he DID eat the whole thing...

W7DK at the Fair

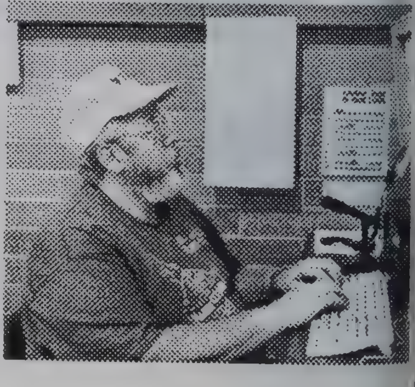

RADIO CLUB OF TACOMA
W7DK
GET INTO THE MA
OF

Questions and answers...



RADIO CLUB OF TACO
W7DK
ACTIVE IN AMATEUR
SINCE 1916

CQ SC0NE (?)



Amateur Radio Exams in the Puget Sound Area as of September 24, 1994

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, Kirkland - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 10 AM - North Seattle Comm. College, Rm 3343, 9600 College Way N. - Contact Mike Mitchell, W7WHT, 282-1438, Seattle

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, Kent - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

2nd Tuesday - 6:30 PM - Everett - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd & 4th Thursdays - 7:00 PM - Ft. Lewis Radio Club - Contact John Steele, KG7RX, 491-4682, Olympia

2nd Saturday - 10 AM - Tukwila - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - Auburn - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - Ferndale - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - Renton - Good Neighbor Center, 305 S. 43rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - Sultan - 10 AM - Sultan Elementary School - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - Aberdeen - Pearsall Center, 2109 Sumner Ave - next session - Sept 17. Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - Stanwood - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - Everett - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - Marysville - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4th Saturday - 9:30 AM - Bremerton - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9 AM - Olympia - Olympia Center - 222 Columbia North - Contact John Steele, KG7RX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306-80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

Enjoy the little things, for one day you may look back and realize they were the big things.

Special Packet meeting Oct. 20th at the clubhouse at 7:00 pm. Learn to send and receive messages anywhere in the country or anywhere in the world.

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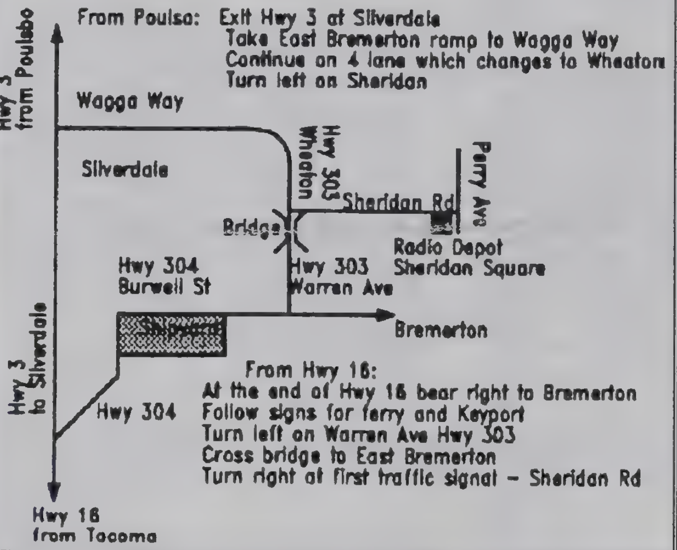
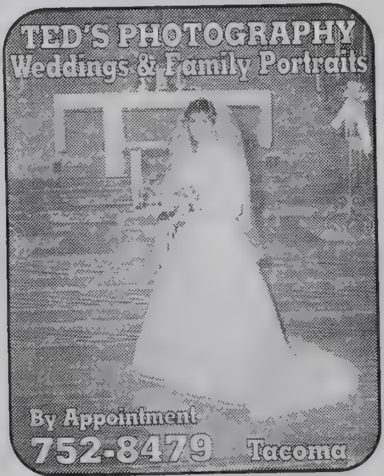

Hwy 3 from Poulsbo
Wagga Way
Silverdale
Hwy 303 Wheaton
Sheridan Rd
Perry Ave
Bridge
Radio Depot Sheridan Square
Hwy 304 Burwell St
Hwy 303 Warren Ave
Bremerton
Hwy 3 to Silverdale
Hwy 304
Hwy 16 from Tacoma

From Poulsbo: Exit Hwy 3 at Silverdale
Take East Bremerton ramp to Wagga Way
Continue on 4 lane which changes to Wheaton
Turn left on Sheridan

From Hwy 16:
At the end of Hwy 16 bear right to Bremerton
Follow signs for ferry and Keyport
Turn left on Warren Ave Hwy 303
Cross bridge to East Bremerton
Turn right at first traffic signal - Sheridan Rd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Wilson System 40 Tribander - 3 monoban
antennas in one - Boxed, as is - $250
Call Bob, KB7BL, 564-3956

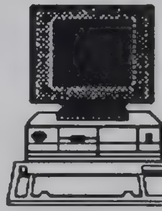
VE TESTING

The Maple Valley Wireless Society will conduct a License examination the Third Tuesday of each mo and shall begin 7pm, promptly at the Auburn Fire Sta located at 1101 "D" Street NE, Auburn WA
Should you like more information on how you m participate, call **Bill / W7GBC**, 584-1086, or **Ral KA7FIG**, 582-5841.

Walk-ins are always welcome.

SECOND BYTE

NEW & USED MS-DOS COMPUTERS



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10:00 a.m. - 6:00

Attention RCT Members..

The Radio Club of Tacoma is trying to develop a video li of the programs at our meetings. Any donations of new or video tape would be greatly appreciated. These tapes could be loaned to any member or other interested radio club.

Please contact Don KB7GKB at 845-8346

ARRL Renewals

Don't forget when you join the ARRL or renew your A membership, do so through the club. The club gets a commission, and you save having to supply a stamp an envelope. Also, for those joining for the first time, the A will give you your choice of a free book. See the Treasur details.

On July 17, 1928 Radio Club of Tacoma President J. A. C stated that the ARRL Director announced that beginning C 1928 all US amateurs would use the letter W before their ca amateurs within the territories would use the letter K.

MINUTES: The minutes of the August 3, 1994 Board meeting were available.

MEMBERSHIP: Total members for 1994 as of today is 554.

WWARA: Jim, K7YLM, reports that WWARA would like to meet here at the clubhouse on October 6, 1994. The Board has no objections.

CHRISTMAS PARTY: Jim, K7YLM, would like to know if there is sufficient interest for having a Christmas Party. Possible dates were discussed and a suggestion was made that perhaps a function between New Year's and Christmas would be good and call it a Holiday Party. Jim said he would take it under advisement.

HF STATION: Brian, KA7KUZ, HF Station Manager reports that we currently have 51 Hiram Percy Maxim contacts. He will be putting a sign in the radio station on how to tune the radio and will also put an article in the Bark. Brian would also like to paint the radio room white. Approximate cost would be about $30-40. He also requests permission to purchase a new International Call Book. It was suggested that the 1995 edition would be out in a couple months and it would be worthwhile to wait until then to buy a new one. Jerry, W7BUN, moved we approve purchasing a 1995 International Call Book for the Club Station. Seconded by Denny, KB7NAG. MOTION PASSED.

Brian, KA7KUZ, feels it would also be helpful to have new maps for the radio room that are laminated so they could be written on if needed. He has looked into costs of these maps(World and States) at Metzger Maps and they would cost approximately $35 each. Marilyn, KJ7BN, would like to suggest to AROWS group that they could support this request at their next meeting.

Jerry, W7BUN, will donate a new list of Beam headings for the Club Station.

BELT BUCKLE PROGRAM: The estate apparently is not settled to date so there is no new information.

COMMUNITY SERVICE: Jim, K7YLM, and Alan, KB7SVU, spoke to a youth group about Amateur Radio and Jim reports hat they seemed very enthusiastic and may possibly join our classes starting on October 3, 1994.

QUARTERLY TREASURER'S REPORT: Jerry, W7BUN, presented each Board member with a copy of the report of ncome and expenses for the year to date. The Board equests that future reports show a separate line item for the Logger's Bark income and expenses since it is one of the greater expenses the club incurs.

CLUBHOUSE: Jim, K7YLM, reports there are 3 volunteers hat will be working on the electrical at the clubhouse to bring t up to date.

Ray, W7KFN, asks if the insulated windows that Bill, N7TEQ, said would be available are still a possibility for the clubhouse. Bill, N7TEQ, reports that there are not as many as he had originally thought but will check into it and report ack to the board.

REPEATER: Mac, W7MSR, reports that the plans to move he 147.38 machine to a new location on Indian Hill did not work out as planned. He suggests as a temporary plan until a ew site could be procured, that the 147.38 machine be ocated at his house in NE Tacoma, the 220 repeater be moved back to clubhouse and we install a fourth club repeater t the clubhouse which would be a UHF repeater for packet purposes. Jerry, W7BUN, moved we do all of Mac's uggestions. Seconded by Rich, N7ANF. MOTION PASSED.

AUTOPATCH: Rich, N7ANF, suggests that we remind everyone that it is important to identify to the person being called that you are calling them on your Amateur Radio Autopatch. Shirley, N7QHW, said we also need to be sure to do the same thing when calling 911 or 910. It is suggested a reminder be put into the Bark. Shirley will do that.

MEETING AGENDA: Jerry, W7BUN, presented a copy of a PREAMBLE and an agenda list that had in the past been used for the regular meetings of the Radio Club. He said there is also a POSTAMBLE but has not located it yet. Jerry moved that we return to using this format at all meetings of the club. Seconded by Alan, N7EAY. MOTION PASSED.

BY-LAWS REVISIONS: Ray, W7KFN, passed out to all Board members a copy of the by-laws with the revisions and asks that they be reviewed and returned to him at the meeting on September 14th with any comments.

FLEA MARKET: Jim, K7YLM, reports we had a successful Flea Market this year and suggests we reserve the same site for next year. A date of August 12, 1995 is suggested. Jim will look into the availability of the site for that date.

CORRESPONDENCE: A letter was read from Amateur Radio Supply welcoming group purchases from the radio club if there is an interest. They would need to know what would be purchased and then could give us pricing information.

A letter was also received from an examinee at the June 18, 1994 VE testing commending the Volunteer Examiners on their organization and professionalism.

OES COORDINATOR: Shirley, N7QHW, suggests that the Coordinator for the RCT OES be someone who is located closer to the vicinity of the clubhouse and could get to the station under unusual circumstances.

PACKET EQUIPMENT REQUESTS: Shirley, N7QHW, asks if the Packet group is going to bring to the Board their equipment requests as the Board had asked 2-3 months ago. She feels the Board can hardly be labeled as non-supportive if their is no opportunity for them to act upon requests.

Jerry, W7BUN, reminds the Board and those present that although only $500-600 was approved by the Board, a total of $850 has already been spent on Packet needs.

BUDGET REQUESTS: The Board would like to reiterate that each committee needs to bring to Board their projected Budget needs and/or requests each year.

ADJOURN: Jerry, W7BUN, moved we adjourn. Seconded by Shirley, N7QHW. MOTION PASSED.

Respectfully submitted,
Shirley Murphy, N7QHW, Secretary, RCT

ATTENDANCE

President	Jim K7YLM
Vice-President	Alan N7EAY
Secretary	Shirley N7QHW
Board members	Mac W7MSR, Denny, KB7NAG; Rich, N7ANF.

Guests: Judy, AJ7R; Russ, KC7EKI; Brian, KA7KUZ; Ralph, KA7FIG; Rob, K7TGU; Russell, KB7UXK; Don, AB7DS; Mike, KI7YB; Bud, KC7AVT; Marilyn, KJ7BN; Ray, W7KFN; and Bill, N7TEQ.

RADIO CLUB OF TACOMA MINUTES FOR REGULAR MEETING SEPTEMBER 14, 1994

The meeting of the Radio Club of Tacoma was called to order at 7:30 P.M. by President Jim Kirkreit, K7YLM, with 83 members and 4 guests present. A quorum is present to conduct official business.

ANNOUNCEMENTS:

9/21/94 AROWS Meeting RCT Clubhouse 7:30 PM
9/28/94 RCT Meeting 7:30 PM *"QRP"* Bill Todd, N7MFB. Library Administration Center 112th E and Waller Rd.
10/1/94 Saturday Radio Theory Classes Begin RCT Clubhouse 8:30 AM.

RADIO CLUB OF TACOMA
MINUTES REGULAR MEETING
AUGUST 24, 1994

The meeting of the Radio Club of Tacoma was called to order at 7:35 P.M. by President Jim Kirkreit, K7YLM, with 74 members and 7 guests present. A quorum is present to conduct official business.

ANNOUNCEMENTS:

8/28/94 RCT 78th Anniversary Celebration at McChord Holiday Park.
9/7/94 RCT Board Meeting 7:30 PM RCT Clubhouse.
9/14/14 RCT Meeting 7:30 PM *"Spectrum Management"* Jeff Rennaker, N7PUI. Library Administration Center 112th E and Waller Rd.
9/21/94 AROWS Meeting RCT Clubhouse 7:30 PM.
9/28/94 RCT Meeting 7:30 PM *"QRP"* Bill Todd, N7MFB. Library Administration Center 112th E and Waller Rd.
10/1/94 Saturday Radio Theory Classes Begin - RCT Clubhouse 8:30 AM.
10/3/94 Novice/Technician Class begins at RCT Clubhouse at 6:00 PM.
10/5/94 RCT Board Meeting RCT Clubhouse 7:30 PM.
10/12/94 RCT Meeting 7:30 PM *"Antennas"* Library Administration Center 112th E and Waller Rd.

NEW CALLS AND UPGRADES:

NEW CALLS: Brian Lee, KC7FAE; Jeff Holwege, AB7DN; Jan Carlsen, KC7EUA; Bill Evans, KC7ETV and Mark Weitzenhoffer, KC7FAA.

HINTS & KINKS, TUNING AND TRAFFIC, ETC.: Jim, K7YLM, passed out a copy of Mert's, KA7NRA, schematic for the "BALLANTINE BEAM" , a portable 2 meter beam. Also available was reprints from QST on JOTA and the Rules for the September VHF QSO Party.

HEALTH & WELFARE: Skip Hirn, WB7UDF, is at Madigan Hospital awaiting a bone marrow transplant and also getting heavy duty chemotherapy so it isn't up to phone calls at this time, perhaps cards would be welcome during this time.

TREASURER'S REPORT

GENERAL FUND CHECKING	1,340.13
REPEATER FUND CHECKING	1,494.78
PACKET FUND CHECKING	198.94
FLEA MARKET CHECKING	4,052.44
MONEY MARKET SAVINGS	8,902.55
SCHOLARSHIP MEMORIAL CD	2,534.61
CASH ON HAND	0.00
TOTAL ALL ACCOUNTS	$18,523.45

MEMBERSHIP: There are 544 members as of this date for 1994.

MINUTES: Previous minutes are available at the front of the room.

RACES/ARES: Dave Brinkmann, N7UNN, thanked everyone for their participation in past RACES/ARES events and encourages anyone interested to join the group. He also wishes to encourage amateurs who do not have 75 meter privileges to work on upgrading. He reports that 22 people participated in the Mock Search this past weekend and it was a big success.

AROWS: Marilyn, KB7PKH, President, thanked everyone for their help in preparing, serving, restoring electricity and running for needed items for the Flea Market Food Booth. She reports that AROWS did well financially and were pleased with the results of all the hard work. She also reminds everyone that Sunday at Holiday Park is a potluck(salad or dessert) with hotdogs and pop provided by AROWS. Next AROWS meeting is September 21, 1994 at the RCT Clubhouse at 7:30 PM.

WWA FAIR: Kathleen, N0EYK, is chairing the WWA
Booth for RCT this year and has her sign-up sheet
manning the booth ready for more volunteers. There are
openings for staffing the Fair Booth in the afternoons
evenings. Only 2 people in the booth at a time is reque
She is sending everyone their tickets along with a lett
information and a map for the free parking at Tammy's.

FIELD TRAINING SESSION: The next session is this Su
August 28, 1994 at the McChord Holiday Park and wi
"Vertical Antenna Day" as well as a *"Digital Seminar"*.

W7DK STATION MANAGER: Jim, K7YLM, announced
Brian, KA7KUZ, is the new station manager for the Clubh
station.

PROGRAM: The program on *"10-10"* was presented by
N7QOZ; David, WB7AUJ; and Kathleen, N0EYK. They
discussed their own experiences and how to get involve
10-10. Each of them brought their awards and certificate
display. Following the RCT net next week (August 30)
will be on the air for 10-10 contacts so more of us
become members if we wish. Dues are $7.00 each
There will be an article in the BARK which is attached to t
minutes.

FLEA MARKET: Alan, KB7SVU, reports that the Flea M
was a big success and extends his thanks to all that he
make it a success. He has had many positive comments
from patrons as well as vendors and also Charles Wrigh
financial report will be available in September.

MISCELLANEOUS: Tressie, KC7BAL, announced that
RCT T-Shirts sale has been met with much enthusiasm
there are still shirts for sale and more can be ordered if n
indicate. There are also caps for sale with either W7D
your own call on them. M, L XL shirts are $10.80, XXL
$11.50, XXXL are $12.50 and caps are $7.55.

Frank, KG7HB, announced he will place another orde
club jackets if there are enough orders, at least 12, and
cost is about $36 each. Contact Frank if you would lik
order one.

Ray, W7KFN, has found a new bookst re on the s
side of 38th street between Pine and Union ross from
that has lots of good computer books, etc. at very reason
prices.

NEW MEMBERS: Certificates were available for the follo
new members: Cathy Daugherty, KC7ETY; Charles West
KC7ETM and Lynn Johnson.

LOGGER CONTACTS: Bob, N7QOZ, received
endorsement for ten contacts.

ADJOURNED: The meeting was adjourned at 9:15 PM.

Respectfully submit
Shirley Murphy, N7QHW, Secretary

RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
SEPTEMBER 7, 1994

The Radio Club of Tacoma Board of Directors mee
was called to order at 7:30 PM by President Jim Kirk
K7YLM. There were 7 board members and 12 guests pres
A quorum is present for conducting official business.

TREASURER'S REPORT

GENERAL FUND CHECKING	1,298.
REPEATER FUND CHECKING	1,494.
PACKET FUND CHECKING	228.
FLEA MARKET CHECKING	4,022.
MONEY MARKET SAVINGS	8,902.
SCHOLARSHIP MEMORIAL CD	2,534.
CASH ON HAND	75.
TOTAL ALL ACCOUNTS	$18,556.

10/3/94 Novice/Technician Class begins at RCT Clubhouse at 6:00 PM.
10/5/94 RCT Board Meeting RCT Clubhouse 7:30 PM.
10/12/94 RCT Meeting 7:30 PM *"Potpourri"* Hal, W7EC at the Library Administration Center 112th E and Waller Rd.

NEW CALLS AND UPGRADES:

NEW CALLS: Roxann, KJ7BQ, was KC7AFR; Marilyn, KJ7BN, was KB7PKH; Don, AB7DS, was KB7GKB

HINTS & KINKS, TUNING AND TRAFFIC, ETC.: Jim, K7YLM, passed out a reprint *"Arboreal Aerial-tree-hanging triband vertical"*.

HEALTH & WELFARE: Skip Hirn, WB7UDF, is a Silent Key. Dolly Mattice was home but had to go back into the hospital again. Neut, WN7L, had knee surgery but is now home walking with a walker.

TREASURER'S REPORT

GENERAL FUND CHECKING	781.60
REPEATER FUND CHECKING	1,494.78
PACKET FUND CHECKING	211.94
FLEA MARKET CHECKING	4,022.87
MONEY MARKET SAVINGS	8,930.78
SCHOLARSHIP MEMORIAL CD	2,541.99
CASH ON HAND	0.00
TOTAL ALL ACCOUNTS	$17,983.96

MEMBERSHIP: There are 557 members as of this date for 1994.

MINUTES: Previous minutes are available at the front of he room.

WELCOME TO OLD FRIENDS: Jerry, W7BUN, introduced Chip and Janet Margelly who are past members of the Radio Club. Chip is an avid contester and shared some of his past DX and contesting from varied locations throughout the world.

PROGRAM: Jeff Rennaker, N7PUI, presented the program his evening on "Spectrum Management". Spectrum management is a combination of scientific evaluation, ngineering processes and administrative procedure which ermit a variety of telecommunications. Jeff works for the Army doing this and shared with us how they go about doing his. Thanks to Jeff for a very interesting program this vening.

RACES/ARES: Shirley, N7QHW, reports that the group has een busy with searches but no other events have occurred. She also reports that the RACES/ARES organization is rganizing so they can apply for a 501 (c) (3) tax exempt tatus with the IRS. In order to be a member of the Search nd Rescue Council and receive funding from them this is equired. The SAR Council voted to remove ARES from the ouncil on September 13, 1994 because we do not have the equired tax exempt status.

AROWS: Marilyn, KJ7BN, President, reported on the excellent ood and good time everyone had at the Holiday Park picnic at McChord. Apparently there is a Xmas Party being planned so tay tuned for further information. Next AROWS meeting is eptember 21, 1994 at the RCT Clubhouse at 7:30 PM.

OMINATIONS COMMITTEE: Marilyn, KJ7BN, urges anyone ho is interested in running for an office or board member osition to contact any member of the nominating committee. he members are Marilyn, KJ7BN; Andy, KB7DOX; and Worth, W7WG.

WWA FAIR: Roger, K7AYC, reports everything is going well t the fair. There have been 65 Packet messages sent to date nd all radios are working great.

ELEPHONE CALLING COMMITTEE: Judy, AJ7R, is rculating a sign-up sheet for volunteers who are willing to ake a list of members to call and remind about our meetings, rograms, etc.

CONTESTING: Brian, KA7KUZ, and David, WB7AUJ, reported on the successful Hiram Percy Maxim Contest. We had over 900 contacts and 75 of them were 125 stations. David reminds us to check the bark for the available contests and to remember to get on the air for WA State QSO contest on the 24 and 25th of this month.

MISCELLANEOUS: Tressie, KC7BAL, announced that they are taking orders for hats now. They are $7:00 each.

Jerry, W7BUN, announced that there is a new renewal form that all members will need to fill out when renewing their dues each year. He requests that even those members who are Honorary and Life members fill one out each year so we will have current information on all members.

Bill, N7TEQ, extends his thanks to those who helped with Security at the Flea Market.

Mac, W6NBD, reports that the Antique Radio Station is still in the process of becoming operational but should be completed soon.

Jim, K7YLM, presented Chip with a W7DK hat.

NEW MEMBERS: Certificates were available for the following new members: John Ege, KC7FGG; Al Walles, KC7AZZ; Charles Coulter, W7SZM; John Newsome, KB8MAU; Bill Rohrer, W7IJ; Mark Weitzenhoffer, KC7FAA; Janice Carlsen, KC7EUA; Twyla Jones, KB0OBB; James Maloney, KF7FB; Roxann Holwege, KJ7BQ; John Holwege, KC7BKA; Jeff Holwege, AB7DN; John E Giles; Lawrence Grala; Doug Payne; and a new Life member Harry Wong, N7DOE.

LOGGER CONTACTS: Dennis Jones, N7TZQ, has a certificate and one endorsement which will be mailed to him.

ADJOURNED: The meeting was adjourned at 8:55 PM.

Respectfully submitted,
Shirley Murphy, N7QHW, Secretary RCT

*We regret to report the loss of **Joe Duncan** (Honorary Member, and husband of Silent Key Irma, W7OVW) and **Leonard "Skip" Hirn, Sr. WB7UDF** who passed away on Sept. 11, 1994. Skip was loved by everyone who knew him. Skip and Joe will be all missed by all of the Radio Club of Tacoma.*

Attention RCT Members.

The Radio Club of Tacoma is trying to develop a video library of the programs at our meetings. Any donations of new or used video tape would be greatly appreciated. These tapes could then be loaned to any member or other interested radio club. Please contact Don, KB7GKB, at 845-8346

New feature on packet...On 144.97, type C space W7DK enter, then type QTH enter, then N enter. The computer will ask for the last name, first name and middle initial of any ham in the U.S. or Canada. You will then receive the address. F enter F enter to get back to the prompt.

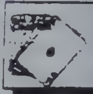
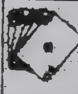
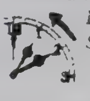
Editor's Note:

Our regular feature articles on Packet Radio will continue in the next issue. (There were just too many good photographs to print.)

Election statements are due NLT October 15 for mailing on October 20th.

October 1994

W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDA
						1  NO Potlu Clubhou pm THEORY CLASS S #GEORGE-WA #TERESA-KB7L
2 #'POP' WB7WPQ	3 NOV TECH Class starts #FRANK W7YDS	4 147.28 NET 7:30 PM	5 Board Meeting Club House 7:30 pm.	6 # HARRY-KB7JQM # RALPH-W7COP	7 #'LES'- KC7BYN	8 #'STEVE'-N7KB
9	10 Columbus Day (Observed) #'DICK'-WB7RAX #GEORGE-KL7GCS # LYNN WB7ORM #'BLACKIE' WA7ZIB	11 147.28 NET 7:30 PM #'DEL' KB7PKI #'JOE'- KB7SPG	12 W7DK MEETING Library 112 St. E & WALLER RD. 7:30pm #'JEFF'- N7PUI # DONNA-KC7ETT	13 # HERB-KC7BAA	14 # ETHEL -W7WLX # 'DEL' W7JG # CATHY- N7WPI	15 # KEITH KB7TH
16 #'DICK' W7VIC	17 #'ED' KA7CHE #'BILL'- N7XAI # JOHN KB7SWY # SUSAN KC7AVS # TED-KC7CAX	18 147.28 NET 7:30 PM MVWS VE TESTS	19 #'ED' -WA3CPP #'NORM' W7CMO	20 *LOGGER'S BARK "DEADLINE"* # HARVEY-W6UBX #'DAVE'- N7WGB # 'AL'- KD6HXI #'DOUG' KC7AZU	21 #'RAY'- W7FNC #MARILYN MOORE	22 ARROWS Meeting Clubhouse 6:30pm #CHARLES-WY
23 #'JOE' WB7UQU	24  LADY'S PINOCHLE CLUB HOUSE NOON # JEAN KB7SVX	25 147.28 NET 7:30 PM	26 W7DK MEETING LIBRARY 112 St. E & WALLER RD. 7:30pm	27 # KYLE-KB7YDV	28 #'EVE'- W6UMX # GARY KC7AVU # HERB- KA7NBC # MONTE KB7RID	29 CQWW DX Contest (phn) #'NED'- W7EPE # ROGER-WA7A
30 CQWW DX Contest (phn) # RUDY WB7EQZ #'RAY'- K7CTT # STEVE-KB7SWV  *Daylight Savings*	31 # PAT - N7WGP *Halloween*					

September

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

November

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

# Happy Birthday!

The Future of RCT Looks Bright

de Alan, N7EAY

As the year winds down, I would like to think back on all of the great activities we have had in the Radio Club of Tacoma. I consider myself fortunate to be associated with such a great Club. We have had great participation by so many members that recognition of a job well done sometimes gets lost in the shuffle. There have been a lot of activities this year, all planned and carried out by our membership. I don't think I could count the hours that have been put into our picnics, training sessions, field day, flea market, and antenna raising. Each member who has worked on projects or activities should be proud of their work. They say that in any organization 10% of the people do 90% of the work. I don't think these figures represent our club. We have a high percentage of participation in the Radio Club of Tacoma, and everyone should be proud of it.

I look forward to 1995 and think that it will be a great year for the Club. I see great things in the future of Amateur Radio and the Radio Club of Tacoma. 73

Dues Renewable Form

The Board of Directors has decided to create a database of the Club Membership. In order to collect the eeded information, all members are requested to fill out a renewal form when paying their 1995 dues. For ulti-member families this form will be in the next two issues of the *Bark*.

RADIO CLUB OF TACOMA 1995 MEMBERSHIP RENEWAL

ame ______________________________ Call ____________ Class ____________

revious Call(s) ______________ New Address or Phone ____________________

ccupation ________________________ Employer __________________________

re you a member of ARRL ☐ RACES ☐ ARES ☐ MARS ☐ Are you a VE? ☐

 interests include: (Please mark at least one response for each activity)

1. I am active in this activity.
2. I have been active, but am not now.
3. I am not familiar with this activity
4. I wish to learn about this activity.
5. I have no interest in this activity.
6. I am willing to teach others.

____ HF SSB
____ HF CW
____ HF Mobile
____ SSTV
____ ATV
____ Construction
____ VHF/UHF SSB
____ VHF/UHF CW
____ VHF FM Mobile
____ UHF FM Mobile
____ Antennas
____ Traffic
____ DX
____ Computers
____ RTTY
____ Facsimile
____ Teaching
____ Field Day
____ Contesting
____ Certificates
____ Satellites
____ VHF/UHF Packet
____ HF Packet
____ EME (Moonbounce)

her Interests ____

I am interested in serving on one or more club committees:

☐ Packet
☐ Flea Market
☐ Field Day
☐ RFI/TVI
☐ Repeater
☐ Training
☐ Antennas
☐ Scholarship
☐ Contest
☐ Museum
☐ Computer
☐ Planning
☐ Emergency Communications
☐ Clubhouse Facilities
☐ Club HF Station
☐ Field Day

her hobbies, expectations, comments ____________________________

Coming Events

OCT 1 - Saturday Radio Theory Classes Begin - 8:30 AM
OCT 1 - Pinochle/ Potluck at the Club house 7 PM
OCT 3 - Class begins for Novice and Technician licenses.
OCT 5 - **Board of Directors meeting** - 7:30 PM - at the Clubhouse - all members are invited.

OCT 12 - Club Meeting - Library Center - 112th & Waller Rd.
7:30 PM - **Program: *"Antenna Hints and Kinks and Other Intriguing Subjects."*** Hal Stahlhut, W7 says to bring pencil and paper. He will talk about different slant on CW, drilling and tapping vari materials, and determining beam headings using a globe.

OCT 12 - Club Meeting for Annual Election Nominations by Nomination Committee and Candid Nominations From the Floor with the Candidates Permission For Officers and Board Positions.
OCT 20 - Mailing of Election Ballots and Electoral Statements by Candidates For Officers and Board Positions.
OCT 20 - Packet Meeting at Clubhouse 7 PM
OCT 22 - AROWS Meeting at Marilyn's house 10508 E. 128th St. 7:30 PM

OCT 26 - Club Meeting- Library Center- 112th & Waller Road
7:30 PM - **Program: *"The History of the Heath Company."*** Terry Perdue, K8TP, has written illustrated 124 page book on Heath's history. He will bring some artifacts from the early company ye Terry lives in Snohomish and is a design engineer for AEA. The books will be available for $10. For man us whose ham avocations grew with Heathkit equipment, this is a *"don't miss"* meeting!

OCT 28 - Shirley's Lick'em Stick'em Party
OCT 29-30 - CQ Worldwide DX Contest - Phone
OCT 31 - Ladies Pinochle Clubhouse 12 PM
NOV 5 - Bellingham Flea Market
NOV 5-6 - ARRL Sweepstakes Contest - CW
NOV 19-20 - ARRL Sweepstakes Contest - Phone
MAR 11, 1995 - Mike & Key ARC Electronics Show & FleaMarket
AUG 12, 1995 - Radio Club of Tacoma - FleaMarket '95

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

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THE LOGGER'S BARK

RADIO CLUB
W7DK
OF TACOMA
SPECIAL SERVICE CLUB

OL. XXXI NR.11 W7DK NOVEMBER 1994

From The President

de Jim K7YLM

The basic business of the Radio Club of Tacoma is communication. I know what you are thinking, "Everyone knows that." Well, you are right; however, the word communi-cation covers a very big area. First, those friendly get together times are the best. Our general meetings, our Saturday break-fasts at McChord, our Saturday clubhouse activities, our anual awards banquet and maybe best of all our outdoor ining/picnic activities at parks and beaches.

All of this is super, but we have over 550 members and I ould sincerely like to have them all come to our events. I ow this can not happen. Well, I have a plan which I am re will help with communication. We are getting our one committee organized to accomplish two basic nctions. First, to let you know what events are coming up d to encourage you to come along. Second, please tell what you have been doing and give us your ideas on how e can increase and improve our club activities.

In addition, I hope we can expand our communications er our repeaters and on HF. We will again be having on-e-air code practice and possibly a series of CW and phone und tables. From the code standpoint, we can all work on creasing our proficiency. On phone, we can share our als, plans and ideas. On packet we can communicate th anyone anywhere. Our continued use of our super ation at the clubhouse for rag chewing, contesting and DX s been the best ever. The greater ham radio community increasingly aware that we, the Radio Club of Tacoma, e very proud to promote friendship, goodwill and sistance via ham radio. W7DK will soon be on the air with r refurbished antique wireless communication. Are we in e communication business? You bet we are. I am very oud of all of you for making our club the best, most active ub anywhere.

Report On Training

de Bill W7GBC

Now is the time for you to think about upgrading to a next higher license or trying a new activity within amateur radio. The Radio Club of Tacoma is currently offering several classes to help you - with more in the works.

First is our Monday night class for the no-code Technician class license. The current class has about 40 people in it, largely a result of the enthusiastic job our members did promoting it at the Puyallup Fair booth. We will begin another class right after the first of the year, so pass the word to your family, friends and neighbors.

Immediately following the Technician class on Monday nights (7:30) we have a session on Morse Code conducted by Alan, N7EAY. This class has a number of members with Technician class licenses who are in the process of upgrading to Technician Plus. Technician plus 5 words per minute code gives them Novice Class HF privileges.

On Saturday morning, Jerry, W7BUN, leads a class in general radio theory an excellent preparation for general and above licenses. This class meets each week from October through April.

Specific sessions for Advanced and Amateur Extra licenses will be held when we have enough people to make up a class. So if you are interested, please let me, or Jerry know.

Our President Jim, K7YLM, has organized a discussion group on getting started in packet radio. This group meets the third Thursday of each month and is ably conducted by Mike Crawford,
WB7DFQ. If you are interested in getting started in packet and want to learn about a technology that is sure to be a dominant force in amateur radio in the future, plan to attend these sessions.

Several other groups are now in the planning phase that would be patterned after the packet radio group. Subjects being considered are computers, antennas and constructions projects. If you have any thoughts on this, please let us know. The Radio Club of Tacoma can sure use your suggestions.

RADIO CLUB OF TACOMA
1994

PRESIDENT	JIM KIRKREIT	K7YLM	927-7825
V PRESIDENT	ALAN ALLEN	N7EAY	475-7413
SECRETARY	SHIRLEY MURPHY	N7QHW	265-3661
TREASURER	JERRY SELIGMAN	W7BUN	845-7652
BOARD (4)	DENNY FIELD	KB7NAG	NONE
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	JOHN McALLISTER	W7MSR	952-7388
	KATHLEEN NACE	NØEYK	862-8635
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	BILL BOYLE	KB7CNN	588-7763
	MIKE CRAWFORD	WB7DFQ	531-4789
	BRIAN SPINDOR	KA7KUZ	756-5030
	DICK RYAN	W7RGD	627 0922
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COMPOSITOR	"NICK" OLSON	N7BCV	536-8940
PUBLISHER	W7DK PRESS	N7QHW	265-3661

****

CLUB MEETINGS

7:30 pm
Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411. 206 / 759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Mail all articles and advertising to Ralph Fuller, KA7FIG, 8208 Southway SW. Tacoma, WA. 98498. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

***THE LOGGER'S BARK*, OFFICIAL PUBLICATION OF THE RADIO CLUB OF TACOMA, IS PUBLISHED MONTHLY BY W7DK PRESS, PO BOX 11188 TACOMA, WA 98411. THE PUBLICATION IS MAILED FROM TACOMA, WA, 98411 UNDER 3rd CLASS BULK, NON-PROFIT ORGANIZATION, US. POSTAGE PAID TACOMA, WA. PERMIT #1078.**

POSTMASTER SEND ADDRESS CHANGE TO ***THE LOGGER'S BARK***, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK / Radio Club of Tacoma

147.88/.28 MHz	144.97 - Packet
147.98/.38 MHz (pl 103.5)	441.00 - Packet
224.52 MHz	

New Members as of October 20, 1994

Mike Boulet, KC7EXI RCT # 1782
1422 S. 42ND
Tacoma, WA 98408 472-7049

Claud A. Eldridge, W7HKB RCT # 1781
11007 Aero Lane SE
Yelm, WA 98597 458-1543

Edwin E. (Ed) Hulett, KC7FLR RCT # 1780
8022 35TH Ave S.
Tacoma, WA 98409 581-2059

John Moore III, KC7FRL RCT # 1779
7511 192ND Ave E
Sumner, WA 98390 891-2310

Don Wean, N7TBL RCT # 1778
9910 86TH Ave E
Puyallup, WA 98373 845-1837

Charles Docherty, N7YNZ RCT # 1784
12123 161ST ST. E.
Puyallup, WA 98374 840-9160

Phillip R. (Phil) Gendreau, W7PFZ RCT # 1785
10801 134TH Ave E
Puyallup, WA 98374 845-3501

James R. (Jim) Ely, N7YFO RCT # 1786
116 Candlewyck Dr W
Tacoma, WA 98467 582-3528

C. Wade Palmer, WA7OHG RCT# 1783
4002 S. Warner #12
Tacoma, WA 98409-4629 475-2705

Address Changes

Ken House, KB7SOU
15937 113TH Ave. SE
Kent, WA 98031

Call Corrections

Jeff Watterson, KB7NHD
Randy Treit, KC7AVA
Jim Maloney, KF7FB

Silent Keys

Len Wampole, WB7CFH RCT # 732
Tony Sponarich RCT# 1752

August 13th License Exam Results

21 candidates took 38 test elements; 29 elements we passed for a pass rate of 76%. 12 of the 21 upgraded received a new license for an upgrade rate of 57%. Licens earned were: No-code Technician - 8; Technician Plus - General - 1; and Advanced - 1. The next examination sessi sponsored by the Club will be Monday November 14, 1994 6 PM at the RCT Clubhouse and then again on December 3 1994 at 10 AM at the Clubhouse.

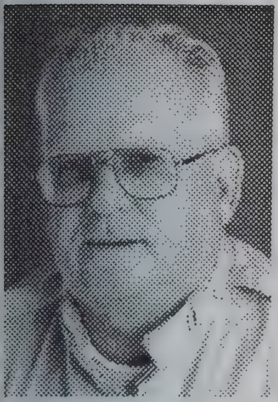
VE TESTING

The Maple Valley Wireless Society will conduct an License examination the Third Tuesday of each mont and shall begin 7pm, promptly at the Auburn Fire Stati located at 1101 "D" Street NE, Auburn WA
Should you like more information on how you mig participate, call **Bill / W7GBC**, 584-1086, or **Ralph KA7FIG**, 582-5841.

Walk-ins are always welcome.

On March 11, 1930 with 15 members present, Dr. Clifford Spi W7OS, requested and was granted membership in the Rac Club of Tacoma. The treasury contained $6.70.

Editor's Log Pile



de Ralph KA7FIG

Have you read the **Club Voter Information** pamphlet? Have you **marked your ballot,** voting for four **Officers** and three **Board** positions? Have you **mailed** in your ballot in that pre-addressed envelope? I know you want to know why the Club didn't put a stamp on the mail-back envelope. Our Secretary has figured that the Club has already invested 25¢ per member in this election which comes to about 125.00. The big 29¢ stamp is your investment for the ection.

As our Club expands, the cost of doing business is going dramatically. When the vote by mail first came up we ere a sleepy 250 membership back in the mid-eighties. The st mail ballot I remember was a ratification of the **By-Laws** comply with the percentage need for validation. Since that ne a mail-in ballot has been the membership's most vorable choice for the election process; although this has ly been in the By-Laws recently.

Speaking of the By-Laws, there is a revised set coming t in November. The current By-Laws call for a term of fice for Officers and Board Members of one year. Hence, e are having our annual election while this issue of the *Bark* coming out. Currently Committee Chairmanships pointed by the President have a lifetime of one year or less pending on the President's needs. Sometimes standing mmittee Chairmen think and act as though they had a **letime appointment.** They need to reevaluate their sition.

A standing committee is one which operates the ndamental operations of the Club, i.e., Editor of the *Bark,* epeater Chairman, Station Manager, QSL Manager, ubhouse Manager, Packet Chairman, Program Chairman, chnical Chairman, Membership Chairman, Flea Market airman, etc, as defined by precedent.. In some cases an ficer or Board of Directors Member is also a Standing mmittee chairman. In many cases there is a committee **ng-over phenomena** which the President fails to notice, or appoint. Then there is a situation when the committee erating so efficiently over a period of more than one year at there is an assumed mutual agreement between the esident and the Committee Chairman.. Or, as happens in s Club frequently; the chairmen seem to hold the attitude at *'you can't survive without me;* ***so fire me if you dare!'***

The Radio Club of Tacoma desperately needs to invoke *Drop Dead Rule*. That is when the President's term is er annually or sooner; Committee Chairman *drop dead* until eir life is given back to them by reappointment or they rvive in a political cocoon until there is a new call to service. is not only applies to Committee Chairmen but also to mmittee Members.

Several months ago when our President was considering rly retirement; I sent a letter to the Vice President stating at, "I was suspending my involvement as Editor of the *Bark* til such time as he, acting as President, or the current esident changed his mind." That is the *Drop Dead Rule* in tion.

Timber

W7DK HF Station

de Brian KA7KUZ

There have been some great things happening in the HF Station this month. October 1st and 2nd JM, KC7DKH; Dan, N7QWH; Bud, KC7AVT; Danny, KC7CUQ; and myself showed up to paint the radio room. When it was all over on Sunday evening we had two coats of paint on and a whole new look for the radio room. I was surprised how it brightened up the place and in general gave it a more professional appearance that makes it a pleasure to be in the room. What really caught my attention was the number of members who are showing up and saying "Its been 5 or 10 years since I've been to the club house and I heard there are some great things happening in the Radio Room. I wanted to come see for myself." Judging by the compliments I've been receiving I would say that this is a terrific first step to improving the station. I've already begun looking for new carpet for the station and maybe for the rest of the club house if the price is right. I'll be getting back to the board with this information at the next board meeting. **Keep your eyes on the HF station because there are a lot of positive things coming.**

Speaking of positive things coming I would still like to hear from each of you on the things you would like to see in the HF Station. Make an effort to drop me a note in person or via the W7DK Packet BBS. Remember this is your HF Station and you have the opportunity to shape it's direction. These ideas include WARC Band and 160 meter capabilities, HF Packet, RTTY, Amtor, UHF/VHF satellite, SSTV,and ATV. **Be a part of the future for this station!** I did get the AT case and power supply for the HF station computer and with a little help from David WB7AUJ, it should be ready for HF packet and RTTY. A special thanks to Roy, N7ARO, of Second Byte Computers for donating the case and power supply.

October 15th and 16th W7DK hosted the Scouts Jamboree On The Air (JOTA) and we had a great turn out of scouts. Over the 2 days we had nearly 30 scouts come through wanting to learn about amateur radio, see the museum, and talk to other scouts around the world and in the States. We talked to several scouts in the midwest and eastern seaboard but the real highlight was a QSO with JA1UZQ in Japan. (Kan (JA1UZQ), I gotta say you're one of the most patient hams' I've had the pleasure of talking to.) I have experienced a lot of QRM in my day but surely the worst has to be ten restless 8 year old boys in the radio room--Nothing Compares! The boys got a little picky about who they would talk to when we came across a girl scout troop in Fort Lauderdale. The boys became amazingly silent while the girls had plenty to say. A special thanks to Jim K7YLM; Ron WA7UQV; and David, WB7AUJ, for helping make this possible for these youngsters. I had a great time participating too!

Remember folks the radio station is available for everyone to use. Regardless of your class of license you can use the radio station. If you want to work outside your license limits there is always a control operator present. Come on up to the station and join in the fun. There's always a contest going on or someone who wants to rag chew.

-73-

News From ARRL & Westlink Report

de Jerry W7BUN

The ARRL's resolution supporting Amateur Radio passed both houses of Congress on October 7th. The bill asks for "reasonable accommodation" in the operation of Amateur Radio in homes, automobiles and public places. Washington Congressman Mike Kreidler introduced the original House version and his staff worked overtime to get the bill passed

The ARRL Awards Committee has rejected (5 to 2) a recommendation of the ARRL DX Advisory Committee to set a minimum geographical size for new DXCC countries. Comments from members on this issue are welcomed.

The FCC celebrated its "60th birthday" the first week in October, with several events (the Communications Act of 1934 established the FCC). The Commission said it began with 233 employees and a $1.14 million budget; today it has grown to 1964 employees and a budget of $160.3 million.

An out-of-court settlement has been reached by the ARRL and the Lambda Amateur Radio Club. In 1985, LARC submitted an advertisement for publication in QST's classified ad section which read, "Lambda Net club for gay hams with members nationwide and Canada. On-air skeds and newsletter. For info write Jim, KK3K, POB 24810 Phila. PA 19130." The ad was published in the November, 1985 issue of QST, but was refused in subsequent issues. In October of 1991, a Connecticut law prohibiting discrimination based on sexual orientation took effect. In February 1994, the State of Connecticut Commission on Human Rights and Opportunities found "reasonable cause for believing that a discriminatory practice had been committed," and scheduled the case for a hearing. Instead, the ARRL and Lambda met and reached a mutually acceptable solution, and both report that the matter is now settled.

The Administrative Council of the International Amateur Radio Union (IARU) met in Singapore in September. In preparation for the International Telecommunications Union's (ITU) World Radio Conference (WRC) in November, 1995, the IARU policy of seeking a worldwide 300-kHz allocation in the vicinity of 7 MHz was reaffirmed. Currently, ITU only authorizes 100 kHz on the 40-meter band in Regions 1 and 3. A resolution was passed to not support any change in the Radio Regulations for removing the Morse code ability for amateur use below 30 MHz.

The ARRL, also in preparation for the 1995 WRC, replied to an FCC Notice of Inquiry and urged that any change in the 40-meter band be held until the 2001 WRC to allow fixed and mobile services time to relocate to higher frequencies. The League is again requesting an "International Amateur Radio Permit" be authorized by the ITU. Such a permit is already available in most of Europe.

Indications of fraud at license examination sessions in southern California in 1992 and 1993 led the FCC to revoke all credits earned at the sessions in question. The FCC gave 51 amateurs the chance to reappear for examination, and only three appeared for re-test, and all three failed.

Dan Gautschi, HB9CRQ, is the recipient of the fifth 2-meter DXCC award. 31-year-old Dan uses an array of eight 19-element yagis and an 8877 amplifier but says he can work stations "down to one yagi and a couple hundred watts."

After seven years of fighting, the last four in court, a Little Egg Harbor, New Jersey, township resident has settled his dispute with his ham radio operating neighbors by buying their house. Robert Schnabel will pay $96,000 to buy the home Anthony and Sharon Marino. Schnabel sued the Marin saying that the Marino's amateur radio station, with "towering" 64-foot antenna, was electronically interfering w his life. Schnabel will also pay the more than $35,000 of le bills.

Ray Morrow, W7AWE, the founder of Morrow Ra Corporation, has died at age 81. Morrow-built mobile h gear was popular in the early to mid 1950s because of small size and high efficiency. His company eventua evolved into II Morrow, Inc., and specialized in technology t led to the development of the Global Positioning Syst (GPS).

The FCC has denied a petition that proposed exemption from Morse code exams for people age 65 a older. KB7PNQ, a 67-year-old Technician class licensee w lives in Cheney, Washington, argued in his petition that age results in diminished faculties, and proposed exemption for speeds above 5 wpm. The FCC said t similar petitions had been denied in the past, because current Amateur Radio license structure is based on " desires of the amateur service community," gleaned fr thousands of comments on previous petitions. Although petition got the usual public notice, the FCC said it receiv no comments on it.

If you hold a Technician class license issued bef March 16, 1991, then you automatically are a Technic licensee with HF privileges (a "Tech Plus"). In some rec instances the FCC has processed the renewal or modificat of such a Tech Plus license but has mistakenly issued "Technician" (no-code) license. (Since June 8, 1994, new a renewed Tech Plus licenses have been clearly labeled such). If this has happened to you, do the following: Write the FCC, explaining the situation, including your curr license status, with effective date. Include copies of both y "before" and "after" licenses. If you no longer have original or copy of your previous license, say so in your lett Send this to FCC, 1270 Fairfield Road, Gettysburg, 17325-7245. Keep copies of all your correspondence with FCC. Expect the matter to take four to six weeks to resolved. In the meantime, you may continue to exerc "Tech Plus" privileges.

The FCC has instituted a toll-free phone line at Gettysburg, Pennsylvania licensing division for custon service inquiries. Amateurs may call 800-322-1117 weekda between 8 AM and 4:40 PM Eastern Time for dir assistance; at other times callers will be connected to automated information system with recorded messages interference complaints, form requests, records, and Amat Radio call sign assignments. Other messages regard information and processing times. A Touch Tone telephone required for the automated system.

You can access the ARRL's BBS, "Hiram," by calling 203-6 0578, with your modem set for speeds up to 14.4 kBd, N 8 1. N on "Hiram" is the latest version of the FCC's Part 97 Rules.

Technician Class license holders outnumber Generals or a others by almost 2:1. As of mid-September there were 235,4 Technicians compared to only 79,950 a decade ago. That's increase of 194.5 percent over the past ten years with most of increase coming in the past two years since the FCC created code-free Technician license. In other classes of license, there w 93,797 Novice, 124,589 General, 97,804 Advanced, and 65,9 Amateur Extra.

A ham radio operator will soon have an experiment flying o space shuttle mission. Dalina Steiner, N2MIA, is a researcher at Hospital for Special Surgery in New York City. Her project is a stu in a cartilage mineralizing culture system. N2MIA says that this very important in the study of osteoporosis and other bone-rela diseases and the effects of new medications on them.

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de Shirley N7QHW

Emergency Communications

Bill Shimmin, W7GBC, who is the Radio Club of Tacoma Education Coordinator and very well ead, forewarded this article to share with all the members. It aves a great deal of room for new thoughts and also etermining where we are in the mainstream of ommunications. It is very good and also very thought rovoking. It appeared in *DIGITAL JOURNAL* and was written y Wayne, NZ4W.

"Another way the Amateur Radio Service has justified it's censing privileges has been providing emergency ommunications. When all else fails, the amateur service as ready to provide vital links between places and people, onveying necessary information that often saved lives and operty. With the explosion In cellular telephony, the historic stification for the amateur service has been overshadowed events. During the recent Los Angeles earthquake, most of e communication was handled by cellular phone.

The California Highway Patrol [TIP] Golden Gate ommunication Center fielded 80,000 calls for emergency ssistance with 25,076 [31.3%] from cellular phones. In 1987 e Massachusetts state police fielded about 300 cellular calls month. By the end of 1992 that number had grown to more an 15,700, an annual increase of more the 1,000 %. Having orked in an emergency communications center in Nashville nce 1979, I can attest to the large number of cellular calls ceived daily. I can count on one hand the calls from nateur radio operators during the past ten years. And when comes to planning for emergency communications during a ajor disaster or power outage, amateur radio is not even a nsideration. Many of the planners carry cellular telephones, d have laptop computers that link them to backup systems case of disaster.

The onus lies with amateur radio operators to not only come familiar with the various elements comprising the ormation and digital highways, but to adapt them in order to come part of the emerging data paths. Amateur radio erators, particularly those involved in the digital modes, ssess the knowledge and the skills to make valuable ntributions to the ongoing revolutions in communication. In der to survive as a viable service, we must continue to make ntributions to the medium and demonstrate that the nateur radio service is not obsolete.

Wayne, NZ4W as published in Digital Journal, September 94."

Emergency Preparedness Tip Of The Month

Clothing And Bedding

Include at least one complete change of clothing and twear per person:

- Sturdy shoes or work boots
- Hat and Gloves
- Rain Gear
- Thermal Underwear
- Blankets or sleeping bags
- Sunglasses

A.R.O.W.S

de Marilyn KJ7BN

The AROWS group met at Marilyn's, KJ7BN, home for a Potluck lunch meeting which was very successful. After the lunch many ideas for future projects were discussed. The consensus of the group was that the Radio Club of Tacoma building is too small for social or other gatherings for a club of this size and that we as a group want to work toward having a larger facility at a different location with parking so that we, with the Radio Club of Tacoma, can have and support many functions throughout the year.

Our next meeting will be Saturday, November 12, 1994 at 2:00 PM at the Radio Club of Tacoma Clubhouse at 1249 So Washington. After the meeting we will get the clubhouse ready for the **Breakfast on Sunday, November 13, 1994 from 8:00 AM to 12:00 Noon.** The purpose of the breakfast is to raise funds for the RCT Clubhouse. There will be a charge for the breakfast of $3.50 for adults and $2.00 for children. Russell, KB7UXK, and Marilyn, KJ7BN, will co-chair the meal. **Please come out and support your club.**

Slivers and Splinters.

Jean, KB7SVX, kept us informed via packet of his trip to the midwest. Tnx fer the info, Jean. Ron, WA7UQV, seen putting up a 160 mtr. Antenna at the clubhouse.

The bands are quiet but that hasn't stopped the HF gang at W7DK. Lots of rare contacts by Ron, WA7UQV; David, WB7AUJ; Brian, KA7KUZ; Jim, K7YLM; and many others.

That new home brew antenna on the back of Rob, K7TGU's car really works. In less than a month he has had QSO's with over 16 countries. All mobile CW too!

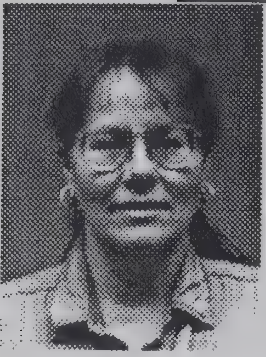
Judy, AJ7R, getting over a bout with the flu. Sure glad you're better. Bill Boyle, KB7CNN, seen working on some super remote receivers for the 146.64 repeater. Thanks, Bill. We all appreciate what you are doing for ham radio. Alan, KB7SVU, seen teaching a group of young people basic electronic theory. Thanks, Alan, for helping us get those young hams.

Bill, W6TRA, still a bit under the weather but helping Alan with his young people. Your work is sure appreciated. Thanks, Bill. Sure nice to see Ray, W7FNC, at the October club meeting. Come by often, Ray. Al, KC7DDA, where did you get that new ham ticket which is red in color? Jim, K7YLM, seen with quizzical look and scratching head at recent club meeting, during Hal, W7EC's, program. "What kind of code is that, Hal?" No wonder he couldn't copy it - some of it was in Russian.

Have you seen the newly painted radio room at the clubhouse? Wow! Thanks, Brian, KA7KUZ, and crew. It looks great! Luis Torres, AA7WE, seen with his arm in a sling after taking a bad fall and breaking his shoulder. Hurry and get well, Luis. We miss seeing your smiling face at our get togethers. Welcome back Don, N7AEJ, from your trip to the midwest. We will be looking for you at the Saturday breakfast. Sure nice to see Bob, KB7TL, at the last club meeting. We know you do a lot of traveling but it sure is nice to see you when you can come by.

Seen in the Radio Club of Tacoma refrigerator; 2 dozen eggs left over from the Father's Day breakfast. These eggs are for sale cheap and could make a great omelet!

W7DK At The Fair '94



de Kathleen, N0EYK

The Puyallup Fair 1994 is in the history books! Although Fair attendance was down somewhat, our participation in the Hobby Hall was once again a great success! That success was due in a large part to the willing and ready cooperation in our booth of many of our members. It is THE PEOPLE that make any event like that work, and again **YOU** made it happen! A big **THANK YOU** goes out to all these booth workers: KB7JQM, Harry; KB7WFX, Jim; K5EAF, Al; KB7SWY, John; W7BUN, Jerry; K7TGU, Rob; KB7UXK, Russell; K7YLM, Jim; AJ7R, Judy; KC7BAE, Scott; KB7VOO, Tom; N7ANF, Rich; KB7VNT, Mike; N7FQR, Bud; N7IRW, Peg; N7EAY, Alan; KB7UXC, Joey; KA7NRA, Mert; N7GUE, Martha; KD6HXI, Al; W7EOF, Gene and his XYL; N7UNN, Dave; KC7BYN, Les; K7AYC, Roger; N0EYK, Kathleen; KI7HW, Bob; N7QHX, Tom; N7QHW, Shirley; N7AEJ, Don; KB7LIG, Carl; N7XAG, Fred; AA7EO, Art; KB7NAG, Denny; N7IXO, Eric; KB7WYK, Margaret; KC7CQU, Laura; W7EC, Hal; KB6KSY, Dick; KB7KSY, Edith; AB7DS, Don; KJ7BN, Marilyn; N7KFM, Stan; N7OIX, Nana; KC7BAI, Ed; N7VPB, JoAnne; W7MSR, Mac; N7QWH, Dan; K7ETU, Jerry; N7JFM, John; KC7AVT, Bud; KB7SVU, Alan; and KB7KUZ, Brian! Thanks to ICOM in Bellevue for providing HF and VHF gear and the power supply to run the equipment again this year. They also gave us a supply of frequency charts for handouts. Thanks to KB7SVU, Alan, for his duplexer; to W7MSR, Mac, for the computer to run the software that made message creation easy and looking up calls simple; to K7AYC, Roger, for software; and to KB7LIG, Carl, for his TNC. W7MSR and K7AYC did the equipment setup and de-bugging. Thanks to Tammy for parking spaces. You should all be very proud of the job you did. Because of the work that all of you did and the continued interest in our booth, I am sure W7DK will be invited back again in 1995. Next year's sign up sheet will be out right after Field Day, so stay tuned! Thanks again and 73, Kathleen, N0EYK, Chairman, 1994 W7DK booth.

20 Years Ago - November 1974

Tacoma radio station KMO and the Radio Club of Tacoma will be participating in collecting Christmas gift donations for distribution to needy families. Pierce County will be divided into zones with a 2-meter and a 75-meter operator in each zone to act as dispatcher for mobiles picking up donations in that zone.

The Ladies Auxiliary had 67 for dinner in October at the clubhouse for their annual potluck dinner. The tables were decorated with carved out pumpkins, and after dinner the kids watched movies upstairs while the adults enjoyed an evening of square dancing.

The club membership chairman reported there are 142 members in the club, including 22 honorary and special members. Ron Chudy, WA7UQV, asked the club for help in tuning his quad antenna. Ron was presented $5 from Ed Coles, K7CZM, (now a Silent Key) for becoming the first club member to receive a WA7 call sign. President Joe Winter, WA7RWK (now WZ7M) reported on the presentation of the toilet seat trophy to Bill Bennett, W7PHO, (now a Silent Key) of the Western Washington DX Club for winning the Field Day competition. Joe told the club how he cracked a rib while under his car changing the oil. Mike Deal, W7IYH, (currently the Mayor of Puyallup) was welcomed back to the club after a long absence.

Bark Submissions

de Ralph, KA7F

Over the past several months I have, out of necessity, m numerous changes in the format of the *Bark*. Since the Bark become so readable, and you contributors have done such a fine in presenting and expanding fields of topics, we are becoming m and more squeezed for space. Additionally, I am trying to pare do a six-day struggle to achieve the finished product. (The editing publishing staff are burning out trying to get late or poorly format articles ready for publication.)

The following guidelines are being carved in stone. These the standards by which your articles will be printed. Please r them carefully and keep this letter handy as a reference.

All headlines will be Title Case. That is a Capital letter to be each word, followed by **lowercase** to finish the word.

All articles shall be sentence case with just the initial le capitalized except for proper nouns. etc. No all-uppercase artic are acceptable under any conditions.

Uppercase is acceptable for abbreviation such as ARRL, F Uppercase is acceptable to make a point, as; Get out and VOTE.

Boldface is acceptable to make a **point,** and I will edit y column with boldface and underlining to strengthen or clarify.

A quarter-inch tab is the standard tab. Paragraphs begin wit tab and not spaces.

There should be two spaces following a period "." a colon ":" semi-colon ";" a question mark "?" or an exclamation mark "!".

Commas are followed by one space. Use complete sentenc rather than rambling run-on clauses separated by conjunctions, **and or**, etc.

A long list of persons with callsigns should be punctuated wit comma space between the name and callsign followed by a se colon and two spaces, or a comma separating the name and call s followed by a comma, as in 'Ralph, KA7FIG, is the Editor.'

Quotation marks shall be before a quote and after fi punctuation.

If you give your article a headline I will probably use it. Howev there is are occasions when editing is necessary to fit the allott space.

The deadline for Club material, personal advertising of wants for sale items and member commercial items is the end of the f regular meeting of the month. The article deadline is the fifteenth the month. The special article is the 20th, unless you make a spec arrangement with me on a limited basis. If you are submitting artic on disks or other electronic methods, please advise me of y computer program and please spell check. In theory the article be read twice and spell checked three times before publication. It in the process of editing and publishing that most errors occur.

All pictures of Club interest to be used in the *Bark* have to scanned which is by appointment only. Early is good, the fifteenth better and after that "it depends". Photographs to be taken are appointment with **Ted Burford, KC7CAX, 752-8479** or **Bill Brow N7TEQ, 582-9349.** The *Bark* is for the membership. I like lots pictures and naming members who are making a positive contributi to the Club.

The only articles which I believe have to be in an issue the *Bark* are the regular Club meeting and the Board Director's meeting minutes. All other material must meet t criteria of compliance listed in the Memo.

The November issue is going to seek out members who will willing to prepare computer text on floppies or use a modem. My ne modem/fax phone number is **589-4808.**

What is the penalty for noncompliance?

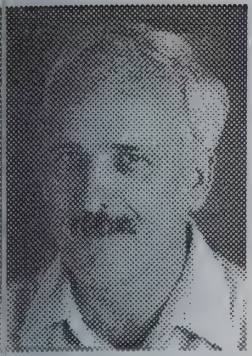
1 The article will be sent back to you for compliance if there reasonable time for correction by you, and there is the ***Edito wastebasket***. If you follow the guidelines stated above, nine percent of my problems will go away.

2 Some of you are attempting to format your articles because y think it will save time; such as heavy use of tabs for formattin using columns etc. The fact is that we reformat every article anywa Use of lowercase, the font Arial and the point size are juggled ma times in order to obtain a finished product.

Thanks for your patience and 73

Contesting

de David, WB7AUJ



Most everything in life takes practice. Some things take practice-practice-practice! Contesting is one of those things that falls into the second category. By the time you are reading this, the November QST should be out with the 1994 Field Day results. Field Day is really why I work so hard at encouraging participation in contests. I am not out to win these contests (this year). I am hoping to train people so when next year's eld Day comes around we can give Mike & Key a run for eir money. (Yes I am probably going to be Chairman again less someone else would like to take the job?)

How to learn more about contesting? One way is to get a py of last year's results. (Our Club Library has copies of ST and CQ magazines. Run over to the AM-PM at 12th & hion and make a copy.) Then listen for some of the top erators working a contest. There are quite a few contest erators in the Pacific Northwest. Give a listen.

Last Month

Last month, we tried a hand at our first RTTY Contest. ave never operated this mode before and really enjoyed it. ill have a lot to learn. We operated with borrowed uipment. Brian, Jim and I are working on getting a mputer and multi-mode controller so W7DK will have the F data modes available all the time.

We also opened the Club House to the Scouts for mboree On The Air (JOTA). This is an annual event that ows Scouts to learn about Amateur Radio and talk to other couts around the world. Band conditions were excellent with K openings on both 10 and 15 meters. Hope they are as od in November. Jim had a great time showing how easy it to work DX on CW.

Up-Coming Events

Between the last weekend in October and the last eekend of November, there are two major contests with both one and CW segments. CQ magazine sponsors a World ide DX Contest (CQ WW DX). The objective of this contest to contact other amateurs in as many countries and zones possible during the 48 hour contest period. The ARRL onsors a contest called "Sweepstakes". The objective of is contest is to contact as many other amateurs in the US d Canada as possible during a maximum of 24 hours out of e 36 hours of the contest period.

Both of these contents have 'Club Competition' and CQ W DX has 'Team Competition'. Please be sure to include your summary sheet that you are a member of Radio Club Tacoma. I will need your score for CQ WW DX, since they quire that I submit a list with scores of members rticipating. Also let me know if you would like to be part of team. Team participants must be reported prior to the start the contest.

If you are concerned that you wouldn't work enough ations, look over last year's results. You will find listed any stations with less than 100 contacts, some with less an 10 and even one with only ONE! For those with Novice Tech Plus, you will find an entry in CQ WW DX 28 MHZ 0 meter) single band entries with 6 contacts. I can member working Russia on 10 meters last year with a oken antenna.

The ARRL offers a pin for participating in Sweepstakes if you work 100 or more stations. That is why you see so many scores with just over 100 contacts. Why not give it a try. If you need help in understanding how contests work, give me a call.

These two contests are also a good opportunity to work on other operating awards like Worked All States (WAS), Worked All Zones (WAZ) or DX Century Club (DXCC).

Would you like to find a niche in CQ WW DX? Nobody in the 7th call district entered as single band 160 last year. In those call districts where there was an entry, the Certificate Winner had less than 60 contacts. For those of you with HF privileges, W7DK needs you for a contact during ARRL Sweepstakes. You can contact us once per band in each contest. Monitor 147.28 for information on which bands we are operating. The exchange information we will be looking for is: A Serial Number (Start with 001), Power Level (Q < 5, A less than 150, B greater than 150), Call, Year First Licensed, and ARRL Section (Western Washington or WWA for short). A sample exchange would be: 'W7DK COPY NR 001 A KC7AVT 94 WWA'. We would reply: 'KC7AVT COPY NR 010 B W7DK 16 WWA'. (This assumes we will be operating high power.)

Help Needed!

Last but not least, I need some people to serve on the Contest Committee with me. I would like some help in deciding what class to enter contests and control operators (My family is beginning to miss me).

November Operating Events

NOV 5-6	Ukrainian DX Contest
NOV 5-7	ARRL Sweepstakes (CW)
NOV 12-13	Worked all Europe RTTY Contest
NOV 19-21	ARRL Sweepstakes (SSB)
NOV 26-27	CQ WW DX Contest (CW)
DEC 2-4	ARRL 160 Meter Contest
DEC 10-11	ARRL 10 Meter Contest

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W7DK QRP Group

Danny Hermosillo, KC7CUQ, is interested in forming a group to build and operate QRP rigs of both new and older technology. Information would be shared on simple, but effective, "homebrew" equipment. Danny is also interested in early configurations used by pioneering amateurs which furthered radio development. Contact Danny at 593-0356 between 11 AM and 6 PM Monday through Saturday.

How To Sink A Ground Rod

de Ralph Grover, NS2S

When it was time to install the ground rods for my station some years ago, I climbed up a wobbly step ladder and pounded away at the wobbly rods with a sledge hammer until they sank to the right level. Their tops ended up battered like tent pegs.

I recently observed the installation of a ground rod for the new N3VT repeater, and found out how the pros do it. Don, N2GHV, who puts in lots of ground rods in his business, chucked the rod into a heavy-duty half-inch electric hammer-drill, and zipped it into the ground slick as a whistle in 30 seconds - no banging and no cauliflower deformation of the top of the rod. from Peconic ARC Newsletter via ARNS

No More Code For License!

opinion by Fred Gern, KB2SE

This elitist, retentive requirement must be eliminated! While we're at it, how about these things, too:

1. No more driving license test.
2. No more licenses for doctors, surgeons, and dentists.
3. No more FAA license required to fly sport or commercial airplanes.
4. Air Force required to admit anyone who wants to fly as a fighter or bomber pilot.
5. No more licensed engineers or architects.
6. No more BATF license to own a machine gun.
7. No more proof of education by tests to be a lawyer.
8. Guaranteed acceptance into the FBI.
9. Do you want to be President of General Motors? They can't stop you.
10. Formula One Indy car racing, just show up, don't have to know a thing.
11. Be a fashion model, anyone can be one even if ugly, old, or bald
12. This space for other ideas (no test required).

Don't waste your valuable time studying - just get on the air.

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TED - KC7CAX

Countdown to Flea Market '9

10 months to go

ARRL Renewals

Don't forget when you join the ARRL or renew your AR membership, do so through the club. The club gets a sm commission, and you save having to supply a stamp and envelope. Also, for those joining for the first time, the AR will give you your choice of a free book. See the Treasurer details.

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R.C.T. is looking for a bowling chairman and team membe Contact Jim, K7YLM

There is just as much horse sense as ever, but the horses s have it

R.C.T. has a new form for requesting or continuing membersh It contains a questionnaire concerning your goals and abilitie Please fill it in so we can provide the services and functions y desire.

Motivation has four requirements: 1. Interest 2. Capacity Opportunity 4. Recognition.

Note! At every general meeting an antenna plan will be given all members present. Get a plan, do some building and let know the results

"I am not capable of great things, only small things with love."
Mother Theres

Poor Benny Bolt received quite a jolt but not from a bump on t head. A current he met when the floor was quite wet. W grounded? I'll say. He's dead!

(from the first issue of the *Logger's Bark* December 196

Freedom is being able to do what you please without consider anybody except: a wife, boss, city, state and federal laws and t neighbors.

Amateur Radio Exams in the Puget Sound Area as of October 20, 1994

st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, Kirkland - Contact Brian Wood, KF7QF, 481-2361, Bothell

st Saturday - 10 AM - North Seattle Comm. College, Rm 3343, 9600 College Way N. - Contact Mike Mitchell, W7WHT, 282-1438, Seattle

t Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, Kent - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

d Tuesday - 6:30 PM - Everett - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

d & 4th Thursdays - 7:00 PM - Ft. Lewis Radio Club - Contact John Steele, KG7RX, 491-4682, Olympia

d Saturday - 10 AM - Tukwila - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

d Tuesday - 7 PM - Auburn - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3d Saturday - 9:00 AM - Ferndale - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3d Saturday - 1 PM - Renton - Good Neighbor Center, 305 S. 43rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3d Saturday - Sultan - 10 AM - Sultan Elementary School - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3d Saturday - every 4th month - 9:30 AM - Aberdeen - Pearsall Center, 2109 Sumner Ave - next session - Sept 17. Contact Nick Bender, NX7W, 249-4671, Montesano

4h Tuesday - Stanwood - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4h Wednesday - 6:30 PM - Everett - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4h Saturday - 10 AM - Marysville - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4h Saturday - 9:30 AM - Bremerton - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Smiannually - Saturday - 9 AM - Olympia - Olympia Center - 222 Columbia North - Contact John Steele, KG7RX, 491-4682, Olympia

ecember 31, Saturday, 10 AM at the RCT ubhouse, 1249 S. Washington St, Tacoma.

ease send updates to: Jerry Seligman, W7BUN, 12306-80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

e next Packet Meeting will be Thursday November 17th 7:00pm at the clubhouse. We will be covering the cess and use of Packet Nodes.

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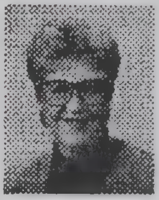

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Introduction To Packet Radio - Part 10

de Larry Kenney, WB9LOZ

In this and the next part of the series we're going to take an in depth look at the packet node network. In part 4 I explained how to use the network for connecting to another station. Now we'll look at the other features a node offers.

A packet node, in most cases, is still set up for digipeater operation, so you can still use it as a regular digipeater, but for most of your connections you'll want to use the node features. When using a string of digipeaters, your packets have to reach their destination parity correct, and the receiving TNC has to return an acknowledgment (ack) to your TNC for each packet cycle to be completed. As you add more digipeaters to the string, the chances of this happening become less and less. Other stations on the frequency and noise can be the cause of many retries. When using a node, however, your packets no longer have to reach their destination before acknowledgments are returned to your TNC. Each node acknowledges your packet as its sent along the way toward its destination.

Using the packet node network can make your operating time on packet more enjoyable and it can greatly expand the area that you can reach. The network of NET/ROM, The Net, G8BPQ and KAM nodes is expanding very quickly and now covers most of the country. New nodes are showing up almost daily. Thanks to all of these stations and the interconnecting links, you can now connect to stations in many far distant places using a low powered 2 meter rig. Some nodes are set up for cross-banding, and with the introduction of nodes on 10 meter FM, there's the possibility of working a station just about anywhere.

If you've been monitoring lately, you might have seen the nodes in action. You might have wondered why they were sending all of those weird symbols like @fx/<~|. What you're seeing is the nodes communicating with each other and updating their node lists. You also might have noted call signs with high numbered SSIDs, such as WB9LOZ-14, WA6DDM-15, W6PW-12, etc. The nodes change the SSID of all stations so that the packets sent via the network are not the same as those sent directly. If you were to use a node to connect to another station in the local area, there's the possibility of your packets being received by this station both from you directly and from the node. If the call through the node wasn't changed, the TNCs involved would be totally confused as it would appear that two stations were connecting using the same call sign. The node automatically changes the SSID using the formula 15-N, where N is your usual SSID. A call with - becomes -15, a -1 becomes -14, -2 becomes -13, etc.

The node network is very simple to use. As explained in part 4, to use the node network, you first connect to a local node. It should be one where you can connect direct with good signal strength. Once you've connected, you then have several options, connect to another station within range of the node, connect to another node, connect to an associated BBS, obtain a list of the nodes that are available, or check route and user status. On NET/ROM and The Net nodes you can also answer or call CQ.

There are several commands available on your local node. All have CONNECT, NODES, ROUTES and USERS, and depending on the type of node you're using, you might also find the BBS, BYE, CQ, INFO, MHEARD, PARMS or PORTS commands available.

THE PACKET NODE COMMANDS:

CONNECT: The CONNECT command (which can be abbreviated as C) is used just like you use the CONNECT command with your TNC. To connect to another local station using a node, first connect to the node and then enter followed by the call sign of the station you want to reach. connect to another node you can use either the call sign or t alias. For example, to connect to the SFO:W6AMT node y can use C W6AMT or you can use the alias, C SFO . Eith one will work.

There's a special consideration when making connectio from a node using the G8BPQ Packet Switch software. Sin these nodes are capable of having several differe frequencies connected to the one node, you have to indica which frequency port you want to make your connection c The PORTS command, abbreviated P, will give you a list the ports available, such as this:

SF: WB9LOZ-2} Ports: 1 144.99 MHz; 2, 223.72 Mhz; 441.50 MHz.

You then insert the port number between the C and t call sign, such as C 1 WB6QVU, to indicate which frequen you want to use, in this case the port 1 frequency of 144. MHz.

NODES: The NODES command (which can abbreviated as N) will give you a listing of other nodes th can be worked from the node you're connected to. It lists bo the alias and the callsign of each node it knows about. T list you'll find on each node will vary in length and will conta different call signs since all of the frequencies are not linked.

The NODES command has another feature that gives y a simple way to find out if another node is accessible and, i is, the best route to use to reach it. It's easy to make a qui check of the route quality to any other node. All you need do is enter N followed by either the alias or call sign of t node that you want to reach, such as: N FRESNO or W6ZFN-2

You'll receive a report showing up to three routes to t node you asked about, how good these routes are and how to date the information is. If there is no information availab you will receive either "Not found" or the complete node li depending on the type of node or switch you're using.

Let's take a look at a typical report you would recei after entering N FRESNO. If you were connected to NET/ROM or The Net node the report would look like th SFW:W6PW-1} Routes to: FRESNO: W6ZFN-2; 105 6 WB9LOZ-2; 78 6 0 N2DDI-2; 61 5 0 WA8DRZ-7.

If you were connected to a G8BPQ packet switch y would see one less column in the report and it would look li this: SF: WB9LOZ-2} Routes to: FRESNO: W6ZFN-2; > 1 6 W6PW-10; 61 3 N6VV-1; 60 4 W6PW-1.

Each line is a route to the node you asked about. T symbol > indicates a route that's in use. The first number the quality of the route. 255 is the best possible quality a means a direct connect via hard wire to a coexisting node the same site; zero is the worst, and means that the route locked out. 192 is about the best over the air quality yo find, and it usually means that the node is only one hop awa If you see a quality of less than 80, you'll probably have difficult time getting any information through via that rou The second number is the obsolescence count. This numb is a 6 when the information for this route is less than an ho old. For each hour that an update on the route is n received, this number is decreased by one. A 5 means t information is an hour old, a 4 means that it's two hours o and so on. The next number, shown only on NET/ROM a THE Net nodes, indicates the type of port. A 0 is an HDL port; a 1 is an RS-232 port. You don't need to pay a attention to this figure. The call sign is that of the neighbori node that's next in line on the route. Digipeaters are shown any are used to reach this neighboring node.

This quick check on a node that you want to reach c save you a lot of time. You'll know immediately whether ot the node is available, and if it is, how good the available outes are to it. You then won't have to spend time trying to onnect to a node that isn't available or is of poor quality.

If you find that there's a decent route to the node or witch you want to reach, it's normally best to let the network ake the connection for you. Simply enter a connect to the lias or call sign you want rather than connecting to each dividual node along the route yourself.

If a route exists but the quality is not very good, you ight want to connect to the neighboring node shown for the est route, then do another quality check, repeating this rocedure until you find a route with decent quality. You can ctually get through to some distant nodes using this method you have the time and patience to work on it. (We continue ith more commands used on the packet nodes in part 11).

Introduction To Packet - Part 11

de Larry Kenney, WB9LOZ

OMMANDS USED ON THE PACKET NODE NETWORK ontinued:

ROUTES: The ROUTES command (abbreviated as R) ill give you a list of the direct routes available from the node u're using to other nodes. The direct routes are the ones here the node can connect directly to the other node. The uality of each route is shown along with the obsolescence ount. (See NODES command in part 10 for an explanation obsolescence count.) Any route marked with an clamation point (!) means that the route values have been tered manually by the owner of the node and usually means at the route is not reliable for regular use.

USERS: The USERS command (abbreviated as U) will ow you the callsigns of all the stations using the node that u're connected to. There are five descriptions used by the de to describe how users are connected:

PLINK: The station indicated is connected directly to the de.

OWNLINK: The node has made a connection from the first ation to the second station. Example: DOWNLINK (K9AT- N6UWK) would mean that the node connected to N6UWK the request of K9AT.

RCUIT: Indicates that the station has connected FROM other node if it's on the left of the <-->; indicates that the ation has connected TO another node if it's on the right of e <-->. If you see dashes between the arrows, the circuit is use. If you see <~~>, the connection is in progress. The as and call of the other node is shown prior to the user's ll. Examples: Circuit (SFW:W6PW-1 WA6DDM) <--> A6ZV would mean that WA6DDM is using this node, that he nnected to it from the SFW node and is now connected to A6ZV. N6PGH <--> Circuit (DIA:WB6SDS-2 N6PGH) would ean that N6PGH is using this node and is connected to DIA.

Q: See "CQ command" below.

DST: The user is connected directly from the node terminal. is is seen when the owner of the node is a user, or the BBS sociated with the node is using it to forward messages.

Q COMMAND: The CQ command (which cannot be breviated) is used for calling CQ, and it also can be used r replying to the CQ of another station. The CQ command available only in the latest version of NET/ROM and The et.

Using the CQ Command: The CQ command is used to nsmit a short text message from a node, and is also used enable stations that receive the transmission to connect to e station that originated it. The command is entered as: Q [textmessage] The "textmessage" is optional and can be y information up to 77 characters long including spaces and punctuation. In response to a CQ command, the node transmits the specified textmessage in "unproto" mode, using the callsign of the originating user as the source and "CQ" as the destination. As with all node transmissions, the SSID will be translated; that is, the SSID will be 15-N, where N is the SSID of the original callsign. WB9LOZ-0 would become WB9LOZ-15, WB9LOZ-1 would become WB9LOZ-14, etc. Here is an example: If user station W6XYZ-3 connects to a node and issues the command: "CQ Anybody around tonight?", the node would then transmit: "W6XYZ-12>CQ:Anybody around tonight?"

After making the transmission in response to the CQ command, the node "arms" a mechanism to permit other stations to reply to the CQ. A station wishing to reply may do so simply by connecting to the originating call- sign shown in the CQ transmission (W6XYZ-12 in the example above). A CQ command remains "armed" to accept replies for 15 minutes, or until the originating user issues another command or disconnects from the node.

Any station connected to a node may determine if there are any other stations awaiting a reply to a CQ by issuing a USERS command. An "armed" CQ channel appears in the USERS display as: (Circuit, Host, or Uplink) <~~> CQ(usercall). The station may reply to such a pending CQ by issuing a CONNECT to the user callsign specified in the CQ(...) portion of the USERS display--it is not necessary for the station to disconnect from the node and reconnect.

Here's what a typical transmission would look like: (* = entered by user) * cmd: C W6PW-1 cmd: *** Connected to W6PW-1 * USERS {SFW:W6PW-1} NET/ROM 1.3 (669)

```
Uplink(K9AT)
Circuit(LAS:K7WS-1 W1XYZ)  <~~>  CQ(W1XYZ-15)
Uplink(WB6QVU) <--> Circuit(#SFBBS:W6PW-3 WB6QVU)*
CONNECT W1XYZ-15
{SFW:W6PW-1} Connected to W1XYZ
*  Hello!  This is George in San Francisco
Hi George!  Thanks for answering my CQ.   etc.
```

Users of the CQ command are cautioned to be patient in waiting for a response. Your CQ will remain "armed" for 15 minutes, and will be visible to any user who issues a USERS command at the node during that time. Wait at least five minutes before issuing another CQ to give other stations a chance to reply to your first one!

BBS: The BBS command (which cannot be abbreviated) is available on nodes using the G8BPQ software where an associated packet bulletin board system is operational. Entering BBS will connect you to the associated BBS.

BYE: The BYE command (abbreviated as B) is available on G8BPQ nodes and is used to disconnect you from the node. It does the same thing as disconnecting.

IDENT: The IDENT command (abbreviated as I) found on NET/ROM nodes will give you the identification of the node you're using.

INFO: The INFO command (Abbreviated as I) found on THENET nodes will give you information about the node, usually the alias, callsign and location.

INFO: The INFO command (abbreviated as I) found on G8BPQ nodes will give you the identification of the node and a list of the commands available.

MHEARD: The MHEARD command (abbreviated as M) found on G8BPQ nodes will give you a list of stations heard by the node. You must specify which port, by number, that you want the listing for. Example: M 1 will give you a list for port 1 and M 2 will give you a list for port 2. Use the PORTS (P) command to get a list of the ports and the associated frequencies.

PARMS: The PARMS (Parameters) command (abbreviated as P) found on NET/ROM nodes is for the owner's use in determining how his station is working.

PORTS: The PORTS command (abbreviated as P) found on G8GPQ nodes will list the frequencies of all ports available.

RADIO CLUB OF TACOMA
MINUTES FOR REGULAR MEETING
SEPTEMBER 28, 1994

The meeting of the Radio Club of Tacoma was called to order at 7:30 P.M. by President Jim Kirkreit, K7YLM, with 89 members and 1 guest present. A quorum is present to conduct official business.

ANNOUNCEMENTS:

10/1/94 Saturday Radio Theory Classes Begin RCT Clubhouse 8:30 AM
10/3/94 Novice/Technician Class begins at RCT Clubhouse at 6:00 PM
10/5/94 RCT Board Meeting RCT Clubhouse 7:30 PM
10/12/94 RCT Meeting 7:30 PM *"Potpourri"* Hal, W7EC at the Library Administration Center 112th E and Waller Rd.
10/19/94 AROWS Meeting 7:30 PM RCT Clubhouse
10/26/94 RCT Meeting 7:30 PM *"Heathkit Company History"* Terry Perdue, K8TP at the Library Administration Center 112th E and Waller Rd.
10/28/94 Lickem Stickem Party 10:00 AM RCT Clubhouse
8/12/95 RCT Flea Market

NEW CALLS AND UPGRADES:

NEW CALLS: Ed KC7FLR

WWA FAIR: Kathleen, NØEYK, thanked everyone for their help in making the booth at the fair a great success again this year. There were approximately 1200 hams that signed in the log and 175 packet messages were sent. Visitors who signed in represented 5 countries, 17 states and of those 17, several east coast states were represented.

FIRST CONTACT CERTIFICATE: Tressie, KC7BAL, presented a First Contact Certificate to Jan Carlsen, KC7EAU.

HINTS & KINKS, TUNING AND TRAFFIC, ETC.: Jim, K7YLM, passed out a reprint on another great antenna to build.

HEALTH & WELFARE: Ron Chudy, WB7UQV, thanked everyone for all their thoughts and wishes throughout his illness. Dolly Mattice is doing great and back with us this evening.

TREASURER'S REPORT

GENERAL FUND CHECKING	781.60
REPEATER FUND CHECKING	1,494.78
PACKET FUND CHECKING	211.94
FLEA MARKET CHECKING	4,022.87
MONEY MARKET SAVINGS	8,930.78
SCHOLARSHIP MEMORIAL CD	2,541.99
CASH ON HAND	216.00
TOTAL ALL ACCOUNTS	$18,199.96

MEMBERSHIP: There are 561 members as of this date for 1994.

MINUTES: Previous minutes were not available this evening.

PROGRAM: Bill Todd, N7MFB, presented the program this evening on "QRP", low power operating.

Bill is currently President of Northwest QRP Club. Thanks to Bill for a very informative and interesting program.

ARRL REPORT: Mary Lou Brown, NM7N, Division Vice-Director, shared with us an update from ARRL.

NOMINATIONS COMMITTEE: Contact any member of the nominating committee if you are interested in running for an office or board member position. The members are Marilyn, KJ7BN; Andy, KB7DOX; and Worth, W7WG.

CONTESTING: David, WB7AUJ, talked on contesting. Needs people for 15 and 16th of October for Jamboree on the Air(Boy Scouts). RCT has now received their 10-10 number and it can be found at the clubhouse.

ELECTIONS: Ralph, KA7FIG, announced that for the first time, there will be information and a picture of each person running for an office or board position mailed with the ballots this year. This will be a completely volunteer effort of each candidate to do or not to do. This will hopefully provide enough information so each person can cast an informed vote this year.

PACKET: There will be Packet training on October 20, 1994 at the Clubhouse at 7:30 PM. Mike Crawford, WB7DFQ, is the new Chairperson for the Packet Group.

LIBRARIAN: Russell, KB7UXK, has been appointed the new Librarian for the club.

REPEATER: Mac, W7MSR, reminds us that if we transmit a weak signal to the repeater, we cannot expect the repeater to give a better signal than it receives. This is a good point to remember when using a handheld radio with a rubber duck antenna. Under these conditions, location becomes an extremely important factor when transmitting. He also gave a brief explanation of how the repeater works and how problems arise.

MARS: Jeff, N7PUI, wants everyone to know that if they are interested in becoming a MARS member, to contact him. As well as radio or telephone, a message can be left for him on packet at W2USA.

ADJOURNED: The meeting was adjourned at 9:00 PM.

Respectfully submitted,
Shirley Murphy, N7QHW, Secretary RCT
with the help of Alan Allen, N7EAY, Vice-President

RADIO CLUB OF TACOMA
BOARD MEETING MINUTES
OCTOBER 5, 1994

The Radio Club of Tacoma Board of Directors meeting was called to order at 7:30 PM by President Jim Kirkreit, K7YLM. There were 7 board members and 13 guests present. A quorum is present for conducting official business.

TREASURER'S REPORT

GENERAL FUND CHECKING	680.84
REPEATER FUND CHECKING	1,494.78
PACKET FUND CHECKING	211.94
FLEA MARKET CHECKING	4,022.87
MONEY MARKET SAVINGS	8,930.78
SCHOLARSHIP MEMORIAL CD	2,541.99
CASH ON HAND	0.00
TOTAL ALL ACCOUNTS	$17,883.20

MINUTES: The minutes of the September 7, 1994 Board meeting were available.

MEMBERSHIP: Total members for 1994 as of today is 567.

CHRISTMAS PARTY: Suggestions for Jim, K7YLM, for a location for a Holiday Party are Holiday Park at McChord and the Le May Building in Spanaway.

ANNUAL RADIO CLUB OF TACOMA BANQUET: It was generally agreed upon by those present that we should try to have it at the Elk's again. Jim, K7YLM, will see if that is possible.

HF STATION: Brian, KA7KUZ, HF Station Manager reports that the radio room upstairs has been painted and welcomes viewing. He would also like to be able to replace the carpet in the room. Brian will report back to the November Board meeting findings of possibilities for new carpet and potential costs.

CLUBHOUSE IMPROVEMENTS: Russell, KB7UXK and Marilyn, KJ7BN, will do a breakfast at the clubhouse and proceeds will be given to a Clubhouse Improvement Fund.

PACKET: Jim, K7YLM, reports that the only need currently for packet equipment is possibly a radio. The current radio is being repaired and if that is satisfactory, there will be no need further equipment. Mac, W7MSR, states that there is a radio upstairs that can be converted for packet use by chasing the appropriate crystals for a cost of proximately $60. This will be taken into advisement nding the outcome of repairs for the current radio.

ECTIONS COMMITTEE: Marilyn, KJ7BN, reports that the nmittee is ready to present their slate at the October 12 eting and accept any nominations from floor. All mbers in good standing as of October 12 will be mailed lots.

-LAWS: Ray, W7KFN, presented a summary of the nges in the By-laws for the Board's approval and consent proceed with mailing of the By-laws to the members for ng to be done in December. Jerry, W7BUN, moved we ept the By-laws as written and send to the membership for ew and voting in December. Seconded by Shirley, QHW. Due to concerns on some of the wording, Jerry ndraws the motion and Shirley withdraws the second.

Mac, W7MSR, has some concerns about the wording in tion Eight, C, 1. Mac moves that we remove "under the sign W7DK" at the end of the second sentence and iove "VHF and UHF" from the third sentence. Seconded Jerry, W7BUN. MOTION PASSED UNANIMOUSLY.

No other concerns were brought forward. The By-laws be changed to reflect the above motion and then mailed to mbers so they can be voted on in the December meeting.

ASSES: Jerry, W7BUN, reports that there are 41 persons ned up for the Novice/Tech class on Monday evenings and e are 16 persons signed up for the Electronic Theory class Saturday mornings.

10 CONTEST: Shirley, N7QHW, received a phone call n Bob, N7QOZ, asking for feedback related to the 10-10 ntest advertised in the July Bark. He wanted to know who the contest and were there certificates given out. He had ed in his list of contacts and had not heard any results. , K7YLM, will see that this is corrected.

RRESPONDENCE: A postcard has been received from n, KB7SVX, and is now posted on the bulletin board at the hhouse.

JOURN: Meeting adjourned at 9:15 PM.

Respectfully submitted by,
Shirley Murphy, N7QHW, Secretary RCT

TENDANCE

sident	Jim K7YLM
e-President	Alan N7EAY
retary	Shirley N7QHW
asurer	Jerry W7BUN
rd members	Mac W7MSR, Kathleen NØEYK, and h, N7ANF

ests: Judy, AJ7R; Brian, KA7KUZ; Ralph, KA7FIG; Rob, GU; Russell, KB7UXK; Don, AB7DS; Marilyn, KJ7BN; , W7KFN; Al, KD6HXI; Dolly Mattice; David, WB7AUJ; , KI7HW; and Al, KC7DDA.

DIO CLUB OF TACOMA
NUTES FOR REGULAR MEETING
TOBER 12, 1994

The meeting of the Radio Club of Tacoma was called to er at 7:30 P.M. by President Jim Kirkreit, K7YLM, with 90 mbers and 2 guest present. A quorum is present to duct official iness.

NOUNCEMENTS

22/94 AROWS Meeting 2:00 PM at Marilyn's House Potluck
10/26/94 RCT Meeting 7:30 PM *"Heathkit Company History"* Terry Perdue, K8TP at the Library Administration Center 112th E and Waller Rd.
10/28/94 Lickem Stickem Party 10:00 AM RCT Clubhouse
11/7/94 License Exams at RCT Clubhouse 6:00 PM
8/12/95 RCT Flea Market

NEW CALLS AND UPGRADES:
NEW CALL: Don, AB7DS was KB7GKB

HEALTH AND WELFARE: Louis, AA7WE, fell and hurt his shoulder.

There are two Silent Keys since our last meeting, Tony Sponarich, NO CALL, and Leonard Wampole, WB7CFH.

HINTS & KINKS, TUNING AND TRAFFIC, ETC.: Jim, K7YLM, passed out a reprint on "Antennas for Those Who Can't Have Antennas". He also passed out copies of a fudge recipe.

TREASURER'S REPORT

GENERAL FUND CHECKING	1,070.81
REPEATER FUND CHECKING	1,494.78
PACKET FUND CHECKING	211.94
FLEA MARKET CHECKING	4,022.87
MONEY MARKET SAVINGS	8,959.84
SCHOLARSHIP MEMORIAL CD	2,549.40
CASH ON HAND	00.00
TOTAL ALL ACCOUNTS	$18,309.64

MEMBERSHIP: There are 568 members as of this date for 1994.

MINUTES: Previous minutes are available at the front of the room.

PROGRAM: Hal Stahlhut, W7EC, presented the program this evening. He explained mathematics and how to build a Delta Loop Antenna with low SWR. He also demonstrated with a world globe how to easily do beam headings by drilling a hole for the rotator in the puget sound and the other hole directly opposite on the other side of the globe. Then the beam headings follow the circle that the globe is spinning in. He also explained how to tune a J-pole antenna and then did a short demonstration of CW. Jim, K7YLM, did the honors of copying on the board until the Russian CW started. Just a planned curve for Jim is how Hal explained it. He passed out a handout describing the dots and dashes of morse code in the Russian language.

ARRL REPORT: Mary Lewis, W7QGP, gave a brief report on ARRL happenings.

There are many personnel changes within the FCC so we many see things changing. The Bills pending were still not signed but apparently they will be processed. The Vanity Call Sign is one of them and it will probably be signed with the fee of $70 each 10 years for renewal.

ARRL is currently restructuring and gearing more information towards the younger hams and Technician Class since there are so many more hams that now fit into those categories. She also stated that the Technician Class hams are upgrading to Advanced and bypassing the General Class.

ELECTIONS COMMITTEE: The meeting was turned over to the Elections Committee for announcing their slate of candidates and to take nominations from the floor.

PRESIDENT: Jim Kirkreit, K7YLM.

After three requests for nominations from the floor, nominations for President were closed with no further nominations.

VICE-PRESIDENT: Alan Hughes, KB7SVU.
Bill Shimmin, W7GBC.

Nominations were opened from the floor. Dan, KC7CUQ, nominated Ron Chudy, WB7UQV. Ron, WB7UQV, declined.

After three requests for nominations from the floor, nominations for Vice-President were closed with no further nominations.

SECRETARY: Judy Kirkreit, AJ7R.

After three requests for nominations from the floor, nominations for Secretary were closed with no further nominations.

TREASURER: Alan Allen, N7EAY.
Jerry Seligman, W7BUN.

After three requests for nominations from the floor, nominations for Treasurer were closed with no further nominations.

BOARD MEMBERS:

Bill Brown, N7TEQ.	Mike Crawford, WB7DFQ.
Denny Field, KB7NAG.	Mike Hazelmyer, KB7VNT.
John McAllister, W7MSR.	Shirley Murphy, N7QHW.
Brian Spindor, KA7KUZ.	

Nominations were opened from the floor. Danny, KC7CUQ, nominated David Dodd, WB7AUJ. Jerry, W7BUN, nominated Rob Lee, K7TGU. Rob, K7TGU, declined.

After three requests for nominations from the floor, nominations for Board members were closed with no further nominations.

The Elections Committee declared nominations were closed.

YOUNG PEOPLE'S GROUP: Jim, K7YLM, announced that there is work being done towards organizing a Young People's Group.

AROWS: Marilyn, KJ7BN, gave special thanks to all the ladies who have been working so hard to make everything a success this year. She also presented a $100 check to Brian, KA7KUZ, HF Station Manager, to be used as he saw fit to improve the station. The next meeting will be a Potluck at Marilyn's House on Saturday October 22, 1994 at 2:00 PM.

BREAKFAST: Marilyn, KJ7BN and Russell, KB7UXK, are going to do a breakfast from 8-12 Noon on Sunday November 13, 1994 at the Clubhouse. Everyone will be charged for their breakfast and the proceeds will go towards improving the clubhouse.

HF STATION: Brian, KA7KUZ, reports that the station room has been painted and looks great. He is also getting together potential costs for carpet replacement. Special thanks to Dan, N7QWH; Bud, KC7AVT; JM, KC7DKH, for all their help painting. Brian is also looking for a logging program if there are any out there, let him know. He also needs a 286 case and Mike, KB7VNT, is going to help him out with that. If you have any ideas for the station, please let Brian know.

HATS AND SHIRTS: Tressie, KC7BAL, still has some T-shirts left and can still take orders for hats but needs them by tomorrow.

PACKET: Mike Crawford, WB7DFQ, Packet Chairman announced there will be Packet training on October 20, 1994 at the Clubhouse at 7:30 PM.

CONTESTS AWARDS: Jim, K7YLM, announced the results of the contests that were held within the club earlier this year.

"Worked Some States"
First Place Russell, KB7UXK.
"Counties Four"
First Place Dennis, KB7WFV.
Second Place Russell, KB7UXK.
"10-10"
First Place Bob, N7QOZ.
"Friendship Award"
First Place Tressie, KC7BAL.
Second Place Russell, KB7UXK.
Third Place David, WB7AUJ.

EDUCATION COORDINATOR: Bill, W7GBC, announced t Novice/Technician classes have begun and have 45 perso registered. Approximately half of the group are staying a learning the code also from Alan, N7EAY. The General Ra Theory course taught by Jerry, W7BUN, on Saturday at t Clubhouse has 16 persons registered. Bill welcomes anyo to come and observe and help out with the teaching if they a interested.

ELECTIONS COMMITTEE: Marilyn, KJ7BN, announced t Alan Allen, N7EAY, has withdrawn his name as a candid for the office of Treasurer and will take the Past Presid position as a Board Member as stated in the By-laws sir the immediate Past President is running for the office President again.

REPEATER: Mac, W7MSR, explained how the lat problems occurred and how he arrived at solving the probl which seems to be fixed and the repeater is functioning w now.

CONTESTING: David, WB7AUJ, announced the YL C contest is on now and SSB YL contest is occurring next we This weekend will be the Scouts Jamboree on the Air. T clubhouse will be open for visitors from 11-5 PM on Saturd and from 12-5 PM on Sunday. Help is needed for tours, etc

NEW MEMBER CERTIFICATES: Certificates were availa for Wade Palmer, WA7OHG; Don Wean, N7TBL; John Mo III, KC7FRL; Ed Hulett, KC7FLR; Claud Eldridge, W7H Mike Boulet, KC7EXI; John Woods, NI7U; Michael Wo KC7FBF; Cully Woods, KC7FBS; and Jeff Watters KB7NHD.

LOGGER CONTACTS: Certificates were available for Cat KC7ETY and Bob, KB7YTH.

Logger endorsements were available for Guy, KC7AIW(3) a Jerry, K7ETU(1).

WHAT'S NEW: Jim, K7YLM, once again overwhelmed with information on new electronics equipment of the future.

ADJOURNED: The meeting was adjourned at 9:35 PM.

Respectfully submitt
Shirley Murphy, N7QHW, Secretary R

SECOND BYTE
NEW & USED MS-DOS COMPUTERS
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AND UPGRADES
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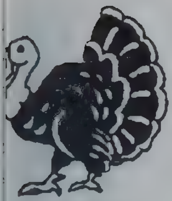
Bremerton, WA 98310
(206) 479-2619

Hill-Top
Pawn Shop
Martin R. Torres
Manager
Luis Torres - AA7WE
1030 South "K"
Tacoma, WA 98405
(206) 627-104
Monday-Saturda
10:00 a.m. - 6:00 p.



November 1994

W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1 147.28 NET 7:30 PM ----------------- /RUSS'-KB7UXK	2 Board Meeting Club House 7:30 pm.	3 / LUIS - AA7WE	4 / DEBBIE-N7QPA / RON -KB7MLD / ERIC- N7EPD	5 PINOCLB/Potluck Clubhouse 7pm Bellingham - FLEA MARKET ARRL SWEEPSTAKES /cw /BOB'-KB7MRZ /PAT'-KG7KM /MIKE'-KG7LD /RALPH-KB7SWZ
6 ARRL SWEEPSTAKES /cw	7 /BOB'-KA7FHM / JOEY -KB7UXC /DAN'- KA7EKC	8 147.28 NET 7:30 PM ----------------- /SAM'- N7SS /DAVE'- N7OIY	9 W7DK MEETING Library 112 St.E.& WALLER RD.7:30pm	10 / SAM - KB7QQQ / DIANE-KB7YCK	11 Veterans Day / BETTY -N7OVW / ANN - KF7ZU	12 ARROWS Meeting - Clubhouse /BILL'- N7WRI
13 RCT BREAKFAST - Clubhouse JACK -K7VOV 'CLIFF'-W7MFG	14 ALL Class exams - Clubhouse /AL'- KC7AZZ / SCOTT-KC7BAE	15 147.28 NET 7:30 PM ----------------- MVWS VB TESTS / RORY -KB7SVR	16 / RUTH - N7WGF / PAUL - N7VBJ / KEN - KB7SOU	17 / BILL - W7GPR / 'DON'- N7OTV	18 /WILLIE-KA7NXK / GLENN -N7DNH	19 ARRL Sweepstakes phn. / BILL -WA7JAM
20 *LOGGER'S BARK "DEADLINE"* ARRL SWEEPSTAKES phn	21 /JEFF'-K7JF / KATHY -N7DVS	22 147.28 NET 7:30 PM -----------------	23 W7DK MEETING LIBRARY 112 St.E. & WALLER RD.7:30pm	24 Thanksgiving /JIM'-KA7UPO / PAUL -N7EPH / ALAN -KB7SVU /MALCOME-KI7RZ / JOE - WA7BLE	25	26 CQ WW Contest (cw) / JOHNNY -KJ7M / 'ANDY'- W7RW / KEITH-KB7MHF
27 CQ WW Contest (cw) CLARENCE-NU7K	28 LADY'S PINOCHLE CLUB-HOUSE NOON	29 147.28 NET 7:30 PM ----------------- /JACK'- W7IMW	30 BARK's lickum/ stickum work party ARES MEETING Clubhouse 7:30			

October

S	M	T	W	T	F	S
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16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

December

S	M	T	W	T	F	S
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4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

/ Happy Birthday!

Coming Events

NOV 2 - Board of Directors meeting - 7:30 PM - at the Clubhouse - all members are invited.
NOV 5 - Bellingham Flea Market
NOV 5 - Pinochle/ Potluck at the Clubhouse 7 PM
NOV 5-6 - ARRL Sweepstakes Contest - CW

NOV 9 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - **Program: *"What Are Th*** ***Doing at Matsushita?"*** Les Smith, KC7BYN and Mike Horbul, KI7YR, are members of bo RCT and the Panasonic ARC. They will describe the manufacturing of special purpose C microcontrollers.

NOV 12 - AROWS meeting at the Club House 2:00 PM
NOV 13 - Breakfast At RCT Clubhouse 8:00-12:00 Noon to help raise funds for the Clubhou Breakfast will be co-chaired by Russell, KB7UXK, and Marilyn, KJ7BN. Guranteed to superb.
NOV 14 - License Exams - all classes - 6 PM - RCT Clubhouse
NOV 19-20 - ARRL Sweepstakes Contest - Phone

NOV 23 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - **Program: *"The Making*** ***the Bark."*** Ralph Fuller, KA7FIG, Editor of the *Logger's Bark*, will explain the production of our club newsletter from the time the articles are received, until it goes to the Post Office.

NOV 26-27 - CQ Worldwide DX Contest - CW
NOV 28 - Ladies Pinochle at the Clubhouse 12PM
NOV 30 - Shirley's Lickem-Stickem Bark Party at the RCT Clubhouse 10:00 AM

DEC 14 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM - **Program: *"A Ham Tour*** ***Southeast Asia"***

MAR 11, 1995 - Mike & Key ARC Electronics Show & FleaMarket
AUG 12, 1995 - Radio Club of Tacoma - FleaMarket '95

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

ADDRESS CORRECTION REQUESTED

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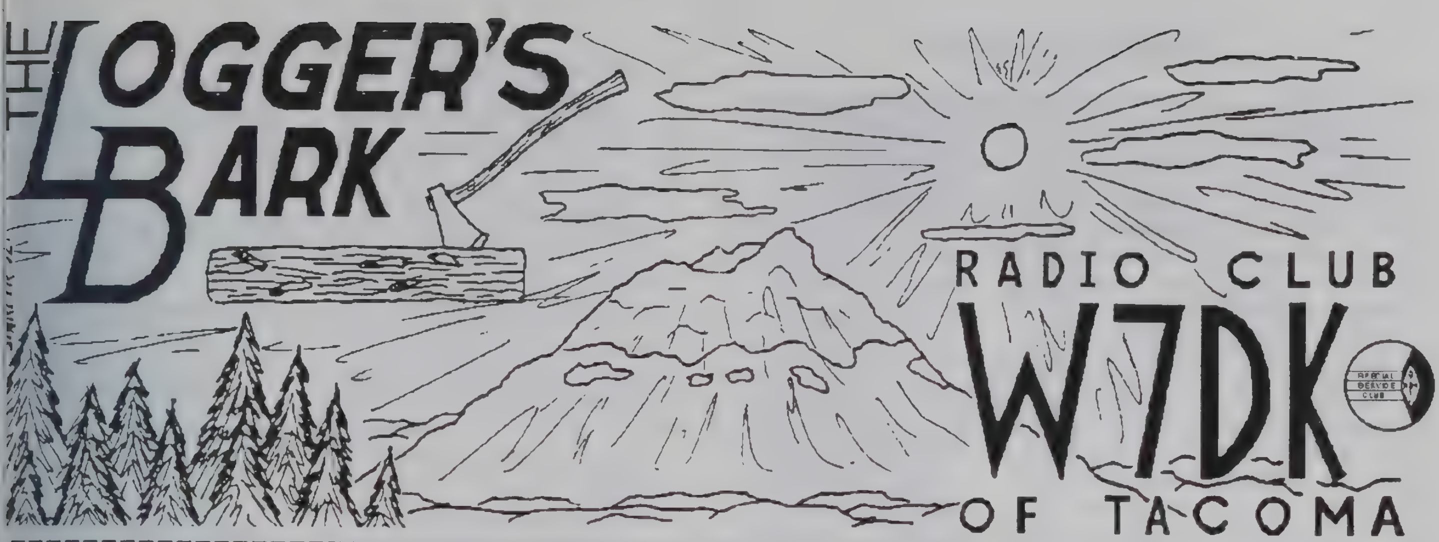

OL. XXXI NR.12 W7DK DECEMBER 1994

From The President

de Jim K7YLM

We Will Be There - The Missouri

Generally I do not write about upcoming events but this one is so special I wanted to tell you about it.

Almost fifty years ago the Japanese surrender was signed aboard the battleship Missouri. Commemorating that ceremony, the Missouri will again be the site of a giant celebration of the event.

The date will be September 1 and 2 of 1995. The orth Kitsap Amateur Radio Club has been given ermission from the Navy to have ham radio stations oard the ship during the event. There will be HF phone nd CW, packet, 2 meters, amateur TV, a satellite station nd possibly a WW2 vintage Navy rig. The operating osition will be on the deck directly under the 16 inch guns. op officials from every major nation have been invited. hree U.S. Presidents will be in attendance.

The President of the North Kitsap ARC stated he wants s many radio operators as possible to have a chance at peration and preparation.

At this time committees are being formed by their esident which will cover phone and CW contest peration, station setup, antenna installation, computer gging, public relations and a number of other projects.

I have offered the assistance of our Club for two asons: first, to help make this historic event the best ever nd; second, to allow as many of our members as possible operate and participate.

This promises to be one of the biggest events ever in e Pacific Northwest.

During the celebration, with bands, parades and the fly-y of aircraft of the 40's era, there will be room for many of s to operate. In addition, during the next ten months I am re we can and will provide a lot of assistance.

The call will be WW2END. Wow! It will be great to ave that card in your ham shack. In the past I have said, e a part of everything." Now I'm asking you to "Be a part history."

An Open Letter to the President

Dear Mr. President,

In my editorial I mention some of the neat people who make this newsletter a better paper every month. I left you out of that column so I can say some things here. At a recent meeting the members in the room overwhelmingly supported you. I believe that it is your enthusiasm for the Club that really greases the wheel. Your sincerity towards every member regardless of class or position has developed our Club into a World Class club. Your contribution in the written word in the Bark is your agenda for the Club. I think we are the best we can be because of your dedication to Amateur Radio and to the Membership. 73, Ralph Fuller, KA7FIG

Thanks and Thanks and Thanks Again!!!!

We have just completed one year of doing the *Bark* with a copy machine and group mailing parties. We started by being our own collators and then we discovered our current copy source for collating and one staple at the most reasonable price in town. Jim has is stapler in top notch condition because we've used it so much that he now knows it inside and out. The little Swingline purchased by RCT which uses a staple cartridge has just used its first cartridge of 5000 staples. And, of course, all those knife handles that have been polished from creasing those *Barks* ever so thin and what would we do without all those extra calories from those fresh doughnuts. And to Judy, thanks for finding those great fat free muffins. We've gained new friends, had great discussions and just plain old good ragchewing without the radio. I know I've learned a lot about the mailing process and what a thrill to hear the guys at the Post Office say to a new person doing bulk mailing "see that gal, we don't even look at hers because she does it right". And it was only a year ago that I was on the other end of the stick. But of course, none of these fun times could be had without all of the hard work and efforts that are put into the *Bark* by Ralph, our Editor, and Nick, our computer, modem, and all-technical-stuff expert prior to all of the fun times. Ralph has joined at this point but Nick has to do that thing called work so he doesn't know how much fun we have. **But most of all, each and everyone of you that has come to a Lickem-Stickem *Bark* Party is what has made all of the above possible**. Not a single one of us could do it all by ourselves but as a team, we are the best and you are the best, most faithful and dependable team ever. I wish I had thought far enough ahead to have always written each person's name down but I didn't so in order to not leave anyone out, let me say **THANKS** to all of the people who have helped in the process of getting the *Bark* out by the first of each month or at the very least by the time the Board meeting occurs. **THANK YOU!!!**

73, Shirley, N7QHW

RADIO CLUB OF TACOMA
1994

PRESIDENT	JIM KIRKREIT	K7YLM	927-7825
V PRESIDENT	ALAN ALLEN	N7EAY	475-7413
SECRETARY	SHIRLEY MURPHY	N7QHW	265-3661
TREASURER	JERRY SELIGMAN	W7BUN	845-7652
BOARD (4)	DENNY FIELD	KB7NAG	NONE
	RICH MANSON	N7ANF	474-8883
	JOHN McALLISTER	W7MSR	952-7388
	KATHLEEN NACE	NØEYK	862-8635
LOGGER'S BARK STAFF			
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REPORTERS	SHIRLEY MURPHY	N7QHW	265-3661
	ROGER NACE	K7AYC	862-8635
	MARILYN OLSON	KJ7BN	845-8346
	DAVID DODD	WB7AUJ	584-3620
	MIKE CRAWFORD	WB7DFQ	531-4789
	BRIAN SPINDOR	KA7KUZ	756-5030
	DICK RYAN	W7RGD	627 0922
	JERRY SELIGMAN	W7BUN	845-7652
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	BILL BROWN	N7TEQ	582-9439
COMPOSITOR	"NICK" OLSON	N7BCV	536-8940
PUBLISHER	W7DK PRESS	N7QHW	265-3661

****

CLUB MEETINGS

7:30 pm
Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411. 206 / 759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Mail all articles and advertising to Ralph Fuller, KA7FIG, 8208 Southway SW. Tacoma, WA. 98498. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO ***THE LOGGER'S BARK***, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/ Radio Club of Tacoma

147.88 / .28 MHz	144.97 - Packet
147.98 / .38 MHz	441.00 - Packet
224.52 MHz	

New Members as of October 26, 1994

GEORGE SMITH, KL7GRL RCT# 17
P.O.BOX 701
GIG HARBOR, WA 98335 851-8966

YURIY POLYASHOV, KC7ETQ RCT# 17
253 37TH PL. SE
AUBURN, WA 98002 735-6394

STEPHEN B. (STEVE) BOWHEY, NL7LD RCT#178
631 S. HOWARD
TACOMA, WA 98465 565-7838

CLIFFORD ROSS, KC7CLV RCT#179
15807 130TH AVE. KPN
GIG HARBOR, WA 98329 857-5380

Address Changes:

JEFF HANSON, WB7NND
8010 S. PARK
TACOMA, WA 98408 472-0672

WADE PALMER, WA7OHG
440 ST. HELENS, Apt 312
TACOMA, WA 98402 627-1054

JEFF WATTERSON, KB7NHD
6212 N. 35TH ST.
TACOMA, WA 98407 759-5987

JIM SCHMIDT, KA7UFO
36921 SE GREEN RIVER HEADWORKS RD.
RAVENSDALE, WA 98051-8916

DENNY FIELD, KB7NAG
710 4TH ST. SW
PUYALLUP, WA 98371 848-7746

WALT CATRON, W7TOU
111 S. 99TH - #5
TACOMA, WA 98444

LARRY PRICE, KB7RLG
1210 North 152nd St, TRLR D-1
SEATTLE WA 98133-6247

ALLAN (BUD) EMMONS, WE7I
10717 BUTTE DR. SW
TACOMA, WA 98498-3710 582-6552

New Calls:

LYNN JOHNSON, KC7FTG

Corrections and Additions:

ROXANN HOLWEGE - CALL IS KJ7BQ (NOT BO)

Going Forward Into The Past

It was a cold, wet night in November. The clubhouse of W7DK
dark and the heat had been turned down for a few days. My par
Worth, W7WG, and I were about to put a radio station on the air that
not been running for over 60 years. For most of the summer and fa
had worked on the little home-brew rig which was really a vintage de
The transmitter used quarter inch copper tubing for the tuning coils a
number 45 tube for a final. The design of our antenna was from a
ARRL handbook; a zepp with home-brew open wire feed line. I wa
nervous I could hardly fire up the rig. I was going to get on the air w
little get-together of the American Wireless Association. I was drea
of those early days of rigs with chirp and drift. Our stations had
crude but the thought of some of those great contacts almost made
think it was 1930 all over again.

It worked! A few contacts with some super old time operators m
me believe I was moving back in time. I couldn't help but think of
great it had been to use a rig just like this to work Doc, W7OS,
Scotty, K7CYZ, and so many great guys of times past. We were o
air even though we had a few problems with the control of the oscill
Sure it was cold outside but the old ham shack seemed to have a w
glow.

The Antique Wireless Station is on the air. Come join us and
what early radio was really like.

Mac, W6

Editor's Log Pile

de Ralph KA7FIG

The December issue - my have we come a long way. A year ago we were looking at a every different 1995. The Board had raised the dues dramatically across the membership. We were looking at a new President after having two great years with Kathleen, N0EYK, and her husband Roger, K7AYC, who certainly carried his load as a Board member. We knew we were going to lose 100 plus members out of historical attrition. This is big time stuff when the membership is going down and costs are going up.

As those of you who made the last regular meeting in November know that the *Bark* has had major changes almost every month. I know that not everyone reads the left column on page two. There has been one or more additions to the *Bark's* staff almost every month.

Jerry, W7BUN, provides the bulk of the articles for the *Bark*. Until I have his seven to nine articles are in the computer, I have no idea which way to set up the issue.

Shirley, N7QHW, is the disciplinarian who tugs the reins determining size and cost. Besides being a proofreader, she also is a major contributor as our Club Secretary, as well as authoring the **ARES/RACES** articles.

I have come to a crossroads in my attitude towards the direction which I plan to take as your Editor. My Boss, your President, has given me total editorial control over the contents of the newsletter. It is important for me to give you he monthly flavor of the day-to-day operations and activities of the Club, as contributed by an incredibly enthusiastic staff.

Bill, N7TEQ, in his voter pamphlet statement gave me an idea when he was asking you, the 575 members, for your vote. Bill was not elected, but his **idea** was. We have the biggest crowds at regular Club meeting nights in the history of he Club, but what would the night be like if all of you decided o come to a meeting? The *Bark* has to be there for all of you who only participate in W7DK by reading the *Bark*.

Our Board of Directors is helping turn the pages of the *Bark* from a show and tell regular meeting to a more sophisticated accounting of the many activities that you the members are doing every day in your own amateur radio world. Let me give you some examples.

Our newest contributor is Mike Crawford, WB7DFQ, who ad his picture taken for an article appearing in this issue, by Ted, KC7CAX, our Club Photographer. Mike and friends are eveloping W7DK packet into an exciting fast moving part of he hobby and he is taking nearly one-fifth of the Club membership into the program..

Surrounded by Boy Scouts in the newly refurbished radio station f W7DK is Brian, KA7KUZ. This is a small demonstration of the reat strides Brian has made to putting W7DK's station on the air. With Contesting Chairman, David, WB7AUJ, individual operating at he Club will never ever be the same. You almost have to call ahead o get a tee time to play at the W7DK station. These guys are putting W7DK all over the world map from the Clubhouse which is very likely oing to have to go to satellite stations in the community just to ccommodate the demand.

Then there are the Ladies. Since Field Day the ladies have ome out of the Kitchen. Not only are they demanding equal time at he microphone, they are taking their time.

Happy Holidays to all of W7DK. **Timber**

W7DK HF Station

de Brian KA7KUZ

In the last few weeks I've been looking into getting carpet for the clubhouse. Based on the prices I've received, the entire upstairs will be carpeted. I'm tentatively planning to move the equipment downstairs, paint, and remove the old carpet on December 17th and 18th. The new carpet will be put down on December 19th and the equipment moved back on the following two weekends. To get this task accomplished I will need volunteers to help break down and move equipment, paint the remaining walls, and help in lifting the old carpet. Please volunteer your services in completing this task upgrade to the clubhouse. A sign up sheet will be circulated at the next couple of club meetings and I'll remind everyone on the Tuesday nets. **Come out and be a part of this upgrade to the clubhouse.**

I'm sure many of you have noticed an accumulation of equipment around the clubhouse. If you're like most people you're probably wondering just what is lying around. To get a better handle on this I need a volunteer to inventory these items. This work should include developing a database and tagging each piece of equipment. If you've got a talent for this or just want to volunteer your efforts toward the club please see me and I'll get you started.

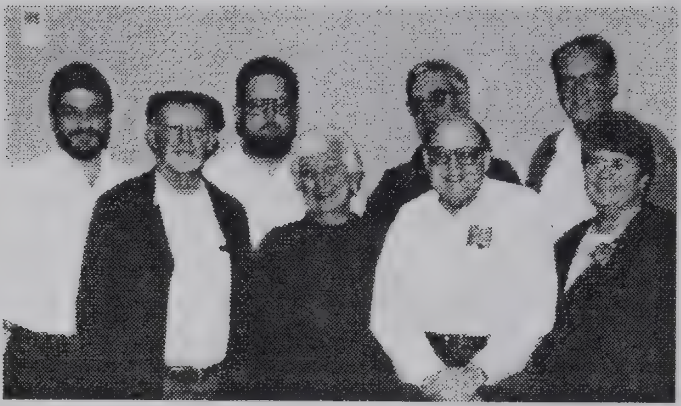
In the last few months I've been asking for your ideas for the HF station. I've received some very good ideas and now it's time to make some order of these ideas. I'll be forming a committee of individuals to represent a diversity of interests in amateur radio. You may expect that this committee will organize the ideas already received and develop more if necessary, develop a long range plan for implementing these ideas, and develop a long range budget to implement these ideas. **Stay tuned, good things are coming together for the HF station.**

The HF station computer is almost complete. David, WB7AUJ has donated a 386 motherboard, a keyboard has been donated by Computer Service Center, a video monitor has been donated by Jim, K7YLM, and a video card and modem have been donated by Mike, WB7DFQ. To make the computer complete we still need a high density 3½" disk drive and a serial port. If you've got one of the items for a donation please contact me. It won't be much longer and we'll have a computer for logging as well as RTTY and HF Packet for a new mode of operation for W7DK.

Does getting into HF seem a little scary to you? Too many hams are left with the impression that HF is only where the **"BIG KIDS PLAY!'** I had the privilege of introducing Alan, KB7SVU to HF this month. A few nervous CQs by Alan were answered by Mike, WB8VDC in Ann Harbor Michigan. When the QSO was complete Alan was considerably less intimidated by HF and has begun studying code for an upgrade. When you give it a try, HF is not much different than talking on a repeater.

Remember, the radio station is available for everyone to use. Regardless of your class of license you can use the radio station. If you want to work outside your license limits there is always a control operator present. Come on up to the station and join the fun. There's always a contest going on or someone who wants to rag chew. **73**

1995 Officers & Board



Back row (l-r): Brian KA7KUZ, Alan N7EAY, John W7MSR, Bill W7GBC. Front Row (l-r): Jim K7YLM, Shirley N7QHW, Jerry W7BUN, Judy AJ7R

News from ARRL and Westlink Report

de Jerry, W7BUN

The newly elected ARRL Northwestern Division Director will be Mary Lou Brown, NM7N, of Anacortes. The Vice Director will be Greg Milnes, W7AGQ, of Portland. The two-year term of office begins January 1, 1995.

Bill Leonard, W2SKE, a former President of CBS News died October 23 in Laurel, Maryland. He was 78. Leonard, an avid DXer and contest operator, wrote numerous magazine articles promoting Amateur Radio. As CBS president, he was credited with the selection of Dan Rather as CBS Evening News anchor, as a member of the team that developed the "60 Minutes" news magazine, and of helping develop techniques to predict election outcomes.

The FCC has released a 7-page Order amending its amateur rules, effective December 20, 1994, to reflect what the Commission calls "nonsubstantive procedural changes." They include:

1. To permit electronically filed data from VECs (paper applications also will still be accepted);
2. To authorize operation as soon as the new license data appears in the Amateur Service licensee database, rather than (as now) when the license document has been delivered. (Details of how the new licensee can determine his callsign will be announced later);
3. To add a new rules section, "Examinee Conduct," to emphasize that an examinee must comply with the instructions given by the administering VEs;
4. To treat "Technician Plus" as a license class;
5. And to provide for a "renewal short form" which the FCC says will be mailed to licensees in advance of their expiration date beginning sometime in 1995. The FCC added that renewal applications would be accepted no more than 90 days before the expiration date.

Because of the nature of these rule amendments, there is no notice or comment period required by federal law. Again, these changes do not take effect until December 20, 1994.

Are You Bored?

de Mike, WB7D

Are you bored? Tired RST, QTH, Name, and Wea QSOs? Are you looking for frontiers in Amateur Ra Packet radio may be just you are looking for. "Why pa radio?" There is no single ans to the question but here several thoughts for consideration.

Packet radio is radio! amateur radio operators we ov to ourselves and our activity to remain informed a advances in the radio art. If we don't become knowledge about the operational capabilities and limitations of modes we can never hope to keep up. I know, you are ha on ___ 20m CW ___ 2 Meter FM (check one). But aren't just a little bit curious? Packet is a great and relat inexpensive way to learn about the digital modes.

Packet radio is digital! Speaking of digital, I am sure have heard the statement that digital technology is the w of the future. Wrong! Digital technology is today! It is ne impossible for you to lead your life without coming in con with something digital. Your telephone, automo microwave oven, and even the clock at your bedside i likelihood use digital technology. Don't continue to go thro life being amazed and a little bit confused about di technology. Become involved in packet radio and soon can impress your friends and neighbors, but probably not children, with the vast scope of your knowledge.

Packet radio is communications! As Hams our purp is communications. Often with a great deal of skill, effort, large piles of money we can find out the weather in East Rock from some guy who is running a FT51921-EXPL at Watts into a folded, coaxial, tri-bander 85 feet up. Wi couple of hundred bucks in packet radio you can find out weather in 150 different cities worldwide and who ha FT51921-EXPL for sale while you are pouring your sec cup of morning coffee. If you feel like a deer caught in headlights on the information super-highway, packet radio great way to get your feet wet without running the ris drowning.

Packet radio is fun! Need I say more?

Have I convinced you yet? If I have, in fact even if are still skeptical, come out to the clubhouse on the t Thursday of the month at 7:00 PM and let us show you w packet radio is all about. We can show you what you n how to hook it up, and how to get it on the air. NO! We a a bunch of overachieving 12 year old brats, we even h some people who can remember when novice rigs w crystal controlled. Come on out, learn new things and hav great time.

VE TESTING

The Maple Valley Wireless Society will conduct ar License examination the Third Tuesday of each mo and shall begin 7pm, promptly at the Auburn Fire Sta located at 1101 "D" Street NE, Auburn WA

Should you like more information on how you m participate, call **Bill, W7GBC**, 584-1086, or **Ral** **KA7FIG**, 582-5841.

Walk-ins are always welcome.

RACES
ARES

de Shirley N7QHW

The Pierce County ARES group has been experiencing some very new and interesting times. In July of this year, we received a letter from the Pierce County Sheriff's Search and Rescue (SAR) Council requesting the ARES unit to file for a 501 (c) (3) tax exempt status with the IRS and also as a non-profit organization in the state of Washington. They asked us to do this because they have been providing funding to the ARES unit and need to have units eceiving funds from them to have the same tax exempt status that they currently hold. According to the SAR Council, this had been requested of ARES on numerous occasions in the past and because of this put a 60 day compliance time frame on the request. We put our heads together and wrote Articles of Incorporation and filed with the state and received our state corporate number within the 60 day period. We also were able to achieve getting the By-laws written within the 60 days but not voted upon for acceptance by the ARES membership within the 60 days. A necessary part of the application for the ax exempt status to the IRS is the by-laws so the application could not be submitted without them. As a result of this, the SAR Executive Council informed us that we no longer could be a member of the SAR Council and a recipient of funding from them.

The ARES members who had been working on training and development of amateurs for the vehicle known as TAC ONE decided when ARES had been removed from SAR Council to become a separate organization from ARES complete with Articles of Incorporation and By-laws and file or the appropriate tax exempt status and be the official communication unit for SAR Council. It is important to realize, that the group of ARES members who have been working on TAC ONE have done an excellent job of training people for the searches and winning the respect of other roups in the SAR Council and had a strong desire to ontinue to be the communication group rather than let it go to someone else. They deserve credit for this and should be uly recognized for a job well done. In order to be the ommunication unit for SAR Council, one must apply to the Council which the TAC ONE group has done.

I have been assured that ARES members will be able to continue to support searches in Pierce County and it will be each individual's choice whether they become a member of he TAC ONE organization or not.

It seemed important to share this information with veryone at this time because the rumors are flying and in my pinion, the best way to stop them is to give you the facts. I ope this will help.

Every event in one's life, organization or whatever appens for a reason. We don't always like to recognize that act at first but as time goes on it becomes visible to us. We on't know yet what will come of this change of events but it is mportant to think of it as an opportunity for us to explore new venues, gain new experiences and adventures, and by doing hat, perhaps the reasons will become more apparent to us. This just could become one of the more positive aspects of life in the field of Amateur Radio for the Pierce County Amateur Radio Emergency Services organization. As I said before, this is an opportunity for us to broaden our horizons and we will jump at the chance to move onward and upward. Thanks for reading this and if there are more questions, please feel free to contact me, Shirley,N7QHW, at 265-3661 or David Brinkmann, N7UNN, Emergency Coordinator for Pierce County at 752-9191.

EMERGENCY PREPAREDNESS TIP OF THE MONTH

SPECIAL ITEMS

Remember family members with special needs such as infants, elderly, or disabled individuals.

FOR BABY:

Formula, Diapers, Bottles, Powdered milk and Medications.

FOR ADULTS:

Heart and high blood pressure medication, Insulin, Prescription drugs, Denture needs, Contact lenses and supplies and Extra eyeglasses.

ENTERTAINMENT:

Games for children and books for adults.

IMPORTANT FAMILY DOCUMENTS:

[Keep these records in a waterproof, portable container.]

Will, insurance policies, contracts, deeds, stocks and bonds, Passports, social security cards, immunization records, Bank account numbers, Credit card account numbers and companies, Inventory of valuable household goods, important telephone numbers, and Family records (birth, marriage, death certificates).

A.R.O.W.S.

de Marilyn, KJ7BN

Greetings from A.R.O.W.S.

Our November meeting was held on Saturday, Nov. 12, at the RCT clubhouse with four attending. We planned the A.R.O.W.S. contribution the Sunday breakfast, discussed the Christmas project, scholarship ideas, fundraising ideas, as well as ways we can support the Radio Club of Tacoma.

We also decided the Radio Club needs a refreshment chairman to be in charge of cookies for the Radio Club meetings as of January.

After the A.R.O.W.S. meeting, the four of us: Judy, AJ7R; Shirley, N7QHW; JM, KC7DKH; and I cleaned the clubhouse for the RCT breakfast Sunday morning. Russ, KB7UXK, and I co-chaired the breakfast and we fed 50 people with the help of Judy, Shirley, JM and Don, AB7DS. Russ' SOS was "the best"! The proceeds of $120 were donated for the improvement of the clubhouse.

The next A.R.O.W.S. meeting will be at my house on Saturday, Dec 17,. at 2:00 pm. All ladies are welcome.

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Boy Scout Jamboree of the Air - 1994

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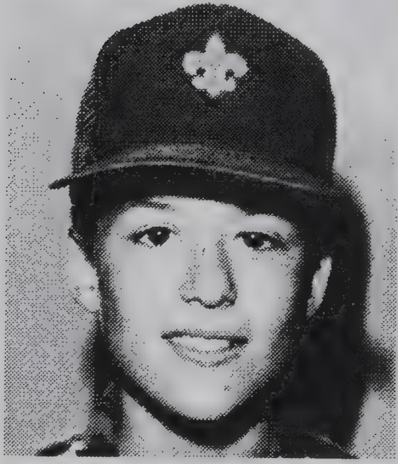
Donald

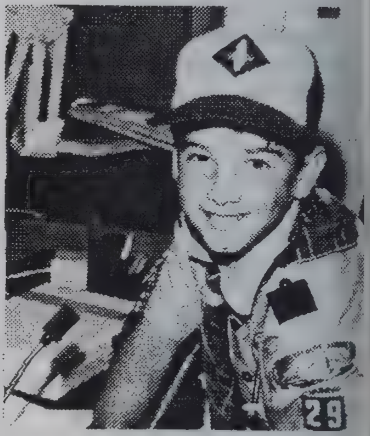
Eric

Brian, KA7KUZ

Bill


John

Jonathon



Louis

de Brian KA7

On October 15th and 16th W7DK hosted the Scouts Jamboree on the Air (JOTA). JOTA is when amateurs around the w bring scouts into the radio room to talk with other scouts in other parts of the world. It gives the scouts the opportunity to learn a l bit about radio and to find out what other scouts do and how they live in other parts of the world. Over the 2 days we had a turn of over 30 scouts and made several contacts in the midwest, south, east coast, and one contact in Japan. We had all had a g time. A special thanks to Jim K7YLM, Ron WA7UQV, and David WB7AUJ, for helping make this possible for these youngsters had a great time participating too! 73

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. Don't forget when you join the ARRL or renew your RRL membership, do so through the club. The club ets a small commission, and you save having to supply stamp and an envelope. Also, for those joining for the rst time, the ARRL will give you your choice of a free ook. See the Treasurer for details.

TED'S PHOTOGRAPHY

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20 Years Ago - December 1974

The clubhouse now has a new electric furnace and a new 200-amp service installed. Plans are being made for the Club's annual Christmas party. The all-you-can-eat roast beef and chicken buffet will cost $4.40 per person. The Women's Auxiliary is also planning a Christmas party which will feature an exchange of gifts not to exceed $2.00. The Club membership totaled 130 and the *Logger' Bark* was embarking on its 12th year of publication. Since the fourth Wednesday of this month is Christmas Day, no meeting will be held on that day.

It was reported that W7DK was number two in the nation in the 6A class for Field Day this year. The Club's speech processor project is very popular for those with HF equipment. The FCC is proposing to lower fees for amateur licenses from $9 to $6. The ARRL has filed vigorous opposition to any fees being charged to amateurs. Oscar 7 is now in orbit and performing well

Wanted! Refreshment Coordinator!

Duties:

Provide coffee at monthly meetings.

Coordinate the provision of cookies or other goodies at monthly meetings (i.e. get volunteers to bring cookies - either homemade or store-bought.)

Provided by club:

Coffee makers, necessary condiments and supplies.

Great rewards:

Make new friends, a great way to become active in the club! For more information contact Judy, AJ7R, 927-7825. We need a new coordinator by the January meeting.

Amateur Radio Exams in the Puget Sound Area as of October 26 1994

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, Kirkland - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 10 AM - North Seattle Comm. College, Rm 3343, 9600 College Way N. - Contact Mike Mitchell, W7WHT, 282-1438, Seattle

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, Kent - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

2nd Tuesday - 6:30 PM - Everett - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd & 4th Thursdays - 7:00 PM - Ft. Lewis Radio Club - Contact John Steele, KG7RX, 491-4682, Olympia

2nd Saturday - 10 AM - Tukwila - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - Auburn - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - Ferndale - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - Renton - Good Neighbor Center, 305 S. 43rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - Sultan - 10 AM - Sultan Elementary School - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - Aberdeen - Pearsall Center, 2109 Sumner Ave - next session - Sept 17. Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - Stanwood - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - Everett - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - Marysville - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4th Saturday - 9:30 AM - Bremerton - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9 AM - Olympia - Olympia Center - 222 Columbia North - Contact John Steele, KG7RX, 491-4682, Olympia

December 10 - 9:30 AM - Olympia - Olympia Center Room 101 - Contact John Steele, AA7WX, 491-4682, Olympia

December 31, Saturday, 10 AM at the RCT Clubhouse, 1249 S. Washington St, Tacoma.

Please send updates to: Jerry Seligman, W7BUN, 12306-80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

3rd Thursday - 7 pm - Packet meeting at the clubhouse.

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Introduction to Packet Radio - Part 13

- by Larry Kenney, WB9LOZ

In this part of the series we'll take a look at many of the NC command available to you that we haven't covered reviously. You might find that some of the commands are ot available in your particular TNC or that they're used in a lightly different manner than the ones explained here. Not all NCs operate exactly the same. Please refer to your owner's nanual for specific details on how to use these commands if hey don't function as described here.

8BITCONV: This command enables the transmission of -bit data in converseode. Used with AWLEN - see below. or normal packet operation, such askeyboard to keyboard ansmissions, use of bulletin board systems, and the ansmission of ASCII files, 8BITCONV should be OFF. If you eed transmit 8-bit data, set 8BITCONV ON and set AWLEN 8. Make sure that the TNC at the receiving end is also set p this way. This procedure is normally used for transmission f executable files or a special non-ASCII data set.

AWLEN: This parameter defines the word length used y the serial input/output port of your TNC. For normal packet peration, as described above, AWLEN should be set to 7. et to 8 only if you're going to send 8-bit data.

AX25L2V2: This command determines which level of X.25 protocol you're going to use. If OFF, the TNC will use X.25 Level 2, Version 1.0. If ON, the TNC will use AX.25 evel 2, Version 2.0. Note: Some early TNCs will not digipeat ersion 2.0 packets. With AX25L2V2 OFF, if your TNC sends packet and the packet doesn't get acknowledged the first me it was sent, it will send it again and again, until an "ack" received or the TNC retries out. With AX25 ON, if your NC sends a packet and doesn't receive an "ack" the first me, it will send a poll frame to see if the other TNC received e packet. If yes, then it would continue, if not then it would end the last packet again. The advantage here is that short oll frames are sent, rather than long packets containing data. his can greatly reduce channel congestion. For VHF/UHF peration, it is almost essential that every TNC have X25L2V2 ON. Many operators have suggested that Version 0 NOT be used on the HF bands as it tends to clutter the equency with poll frames. See the CHECK command below r related information.

BEACON: Used with EVERY or AFTER to enable eacon transmissions. BEACON EVERY n - send a eacon at regular intervals specified by n. BEACON FTER n - send a beacon once after a time interval specified n having no packet activity. n = 0 to 250 - specifies eacon timing in ten second intervals. 1 = 10 seconds, 2 = 20 conds, 30 = 300 seconds or 5 minutes, 180 = 800 seconds or 30 minutes, etc.

For example, if you set BEACON EVERY 180 (B E 180), e TNC will transmit a beacon every 30 minutes. If you set EACON AFTER 180 (B A 180), the TNC will transmit a eacon after it hears no activity on the frequency for 30 inutes. B E 0 will turn the beacon off. The text of the beacon specified by BTEXT and can contain up to 120 characters. he path used for the beacon transmission is specified by the NPROTO command. **YOU SHOULD USE BEACONS TELLIGENTLY!** Beacons are often a point of controversy the packet community because they tend to clutter the equency if used too frequently. You should keep your eacons short and infrequent, and they should only be used r meaningful data. Bulletin boards use the beacon for dvising the community of who has mail waiting for them, ubs use beacons for meeting announcements, and beacons e used for severe weather warnings. They should not be ed just to let everyone know that you're monitoring the frequency, that your mailbox is ready, or that you'd like someone to connect to you. You should monitor the frequency for activity and make some connections yourself.

CHECK n Sets a timeout value for a packet connection. Operation depends on the setting of AX25L2V2. The value of CHECK (n) determines the timing. Value may be 0 to 250. Check set to 0 disables the command. If a connection between your station and another exists and the other station seems to "disappear" due to changing propagation or loss of an intermediate digipeater, your TNC could remain in the connected state indefinitely. If the CHECK command is set to a value other than 0, the TNC will attempt to recover. The setting of AX25L2V2 will determine what action is taken. If AX25L2V2 is ON, the TNC will send a "check packet" to verify the presence of the other station if no packets have been heard for n * 10 seconds. (n = 1 = 10 seconds, n = 5 = 50 seconds, n = 30 = 5 minutes, etc.) If a response is received, the connection will remain. If no response is received, the TNC will begin the disconnect sequence, just as if the DISCONNECT command had been sent. If AX25L2V2 is OFF, after no packets are heard for n * 10 seconds, the TNC will not send a check packet, but will begin the disconnect sequence.

CMSG Enables the automatic sending of a connect message whenever a station connects to your TNC. If CMSG is ON, the TNC will send the message contained in CTEXT as the first packet of the connection. CTEXT can contain up to 120 characters. Of course, you must have a message in CTEXT for CMSG to function. This feature is often used when the station is on but the operator is not present. The connect message is used to advise the other station of that fact, and often says to leave a message in the TNC buffer. If CMSG is off, the text message is not transmitted.

KISS KISS enables the TNC to act as a modem for a host computer, allowing programs such as TCP/IP, the G8BPQ Packet Switch, various BBS programs, and other programs using the Serial Link Interface Protocal (SLIP) to be run. Before turning KISS on, set the radio baud rate and terminal baud rate to the desired values. Set KISS to ON and then issue a RESTART command.

(continued in part 14)

Introduction to Packet Radio - Part 14

- by Larry Kenney, WB9LOZ

TNC COMMANDS - continued from Part 13

MAXFRAME Sets the upper limit on the number of unacknowledged packets theTNC can have outstanding at any time. (The outstanding packets are those that have been sent but have not been acknowledged.) It also determines the maximum number of contiguous packets that can be sent during one transmission. Value can be set from 1 to 7. The best value of MAXFRAME depends on the frequency conditions. The better the conditions are, thehigher the value you can use. If conditions are poor due to the amount of traffic on the frequency, noise, or other variables, (shown by lots of retries) MAXFRAME should be reduced to improve throughput. The best valueof MAXFRAME can be determined through experimentation.]

MAXFRAME of 1should be used for best results on HF packet. MFILTER This command allows you to enter up to four ASCII charactercodes, 0 - $7F, for the control characters that you want eliminated from your monitored packets. Codes may be entered in either Hex or Decimal. Here are the ASCII codes for some of the more trouble some control characters found in monitored packets:

HEX	DEC	FUNCTION	Possible Result
$07	07	Control G	Rings your bell or "beeps" your speaker
$0C	12	Control L	Form feed - could clear your screen
$13	19	Control S	Can cause your screen to stop scrolling
$1A	26	Control Z	Can clear your screen
$1B	27	ESCape	Can cause your cursor to move to a random point on your screen and can raise havoc with printer control. AEA has added a new code, $80, that will not allow ANY control characterso be displayed on the user's screen from monitored packets.

MHEARD An immediate command that causes the TNC to display a list of stations that have been heard since the command MHCLEAR was given or theTNC was powered on. This command is useful for determining what station scan be worked from your QTH. Stations that are heard through digipeatersare marked with an * on most TNCs. On the AEA PK-232, the stations heard direct are marked with the *. (Check your TNC manual.) The maximum numberf stations in the list is 18. If more stations are heard, earlier entriesare discarded. Logging of stations heard is disabled when the PASSALL command is ON. (See below.) If the DAYTIME command has been used to setthe date and time, entries in the MHEARD list will show the date and timethe stations were heard.

PASSALL Causes the TNC to display packets that have invalid check sums. The error-checking is disabled. If PASSALL is ON, packets are accepted for display, despite check sum errors, if they consist of an even multiple of eight bits and are up to 330 bytes. The TNC attempts to decode the address field and display the callsigns in standard format, followed by the text of the packet. PASSALL can be useful for testing marginal paths or foroperation under unusual conditions. PASSALL is normally turned OFF.

PERSIST Used in conjunction with the SLOTTIME command (see below) toprovide less clutter on a busy packet frequency. As more and more TNCs are upgraded to include the PERSIST and SLOTTIME commands, fewer and fewer packet collisions will occur. If you have these commands availble in your TNC, you should set DWAIT to 0 and set these commands for use. Note: On some TNCs, such as the PK-232, you have another command that determineswhether you use DWAIT or PERSIST/SLOTTIME. It's the PPERSIST command (with 2 P's). Set it ON to use PERSIST/SLOTTIME; set it OFF to use DWAIT.
I strongly recommend that you set PPERSIST to ON.

PERSIST specifies a threshhold value for a random-number attempt to trans-mit. The value ranges from 0 to 255. 0 signifies a 1/256th chance oftransmitting every SLOTTIME; 255 allows the TNC to key the transmitter every SLOTTIME. Through experimentation and testing, it has been determined that the best value for PERSIST is in the 30 to 40 range.

SLOTTIME This command determines the time interval the TNC waits betweenthe generation of random numbers to signify a transmit opportunity. This random number generation and the value of PERSIST work together to provide smoother operation on a busy packet frequency. Through experimentation andtesting, it has been determined that the best value for SLOTTIME, like that for PERSIST, is in the 30 to 40 range.

SCREENLN n This parameter determines the length of a line of text on the terminal screen or platen. Value may be 0 to 255. A (CR-LF) carriage return and line feed are sent to the terminal in Command and Converse modes when n characters have been printed. A value of zero inhibits action. If your computer automatically formats output this feature should be disabled.

TRANS This is an immediate command causin TNC to change from command mode to Transparent M This mode is used for transfering data between stations w characters in the data would conflict with the operation c TNC. Characters such as "Control C", "Control R","Co S", "carriage return", "linefeed", etc. all effect the operati the TNC when in Converse Mode. In Transparent Mode of the data characters affect the operation. All eight bi each character are ent to the radio exactly as they received by the TNC from the computer or keyboard. Pa are transmitted at regular intervals set by the PAC command or whenever a full packet of information is re Since the characters normally used for TNC operation no affect in this mode, a special procedure is required to Transparent Mode and return to Command Mode. Ref your TNC operating manual for details on how this proce is performed on your particular TNC. You should also c your manual for information on the CMDTIME, PACT START, STOP, TRFLOW,TXFLOW, XFLOW, XOFF XON commands before using Transparent Mode.

TXDELAY n This parameter tells the TNC how lor wait before sending data after it has keyed the transmitte transmitters need some start up time to put a signal or air. Some need more, some need less. .Synthesized ra and radios with mechanical relays need more time, while crystal controlled radios and radios with diode switc require less time. External amplifiers usually rec additional delay. Experiment to determine the best valu your particular radio. TXDELAY can also be usefu compensate for slow AGC recovery or squelch release ti at the distant station.

There are many additional commands available to I've only covered theones that I thought would be the r useful to you. Spend some timereading the owner's opera manual that came with your TNC to discover some of surprises the other commands offer. New versions of TNC software have added several commands that you m find useful in your packet operating.

CHOOSE and CUT
Your Christmas Tree [and More] at:
DAWN TREE FARM
12512 164TH ST. E
Puyallup, WA 98374
Phone 206/848-0294
Available:
Douglas Fir, Noble, Spruce, Fraser, Grand Fir,
Cut, Fresh Cut And Living] Wreaths Swags and
Our Own Tree Legs Tree Stands,
also Flocking Available
Free Hot Cocoa and Candy Canes
Have an Eyeball QSO with
Don, K7LMN, & LaVonne, K7SRP, Severeid
Directions:
South On Meridian St. S. [Hwy 161] To 152nd
E., Turn Left About 1 Mile, Right On 122nd A
East, At 164th St. East Turn Left Into
DAWN TREE FARM

Logger's Contact Certificate

de Shirley, N7QHW

It has only been six months ago that this same article was in the Bark but with so many new members in those six months, it seems appropriate to once again outline the rules for Logger's Contacts.

The Radio Club of Tacoma issues a certificate known as he "LOGGER'S CERTIFICATE". This 8x10 diploma style ertificate was designed to encourage members of the club to get on the air and get acquainted with other members and also to get other non members interested in joining the Radio Club. The first certificate was issued in 1957.

To earn a certificate, an amateur radio operator must work on any amateur band and any mode, 10 Radio Club of Tacoma members who are a current member on the day of the contact. You may count a member only once no matter how many times you have worked them on different bands or different modes or under different call signs. It is always important to not interrupt QSO's to gain contacts but to wait until the QSO is finished.

When 10 members have been contacted, list them on a sheet of paper along with your name and call sign. Each contact will need the station's call, name and the date of the contact. Give the completed list to Shirley, N7QHW, at club meetings, board meetings or mail them to her at her home. These will then be submitted to the club for verification and will be presented at a regular club meeting or if not there, by mail. The award is available to any amateur, club member or ot. Contacts must be RCT members but not the person ubmitting them for a Logger Certificate. DX stations only eed to contact five(5) club members.

In addition, to the certificate, there are Logger Certificate ndorsement stickers. These are 2x2" stickers with 10 miniature logs imprinted. After obtaining your original ertificate, you are ready to work ore members to earn the ndorsement stickers, using the same procedure, submit your st of 10 members worked and you will receive the stickers to ttach to your original certificate or as many have done, frame he endorsement stickers separately.

Each individual submitting lists for certificates or ndorsements is responsible for checking and assuring that here are no duplicate contacts and that each contact on the st is indeed a Radio Club of Tacoma member. Remember, here are other radio clubs in the area so it is important that ou specify membership as a Radio Club of Tacoma member nd not just ask if they are a member of the radio club. It is lso important to verify the call of the contact, so ask for honetics if you are not sure. Shirley, N7QHW, and Barbara, V7UYL, will do their best to check the submitted lists before ertificates or endorsements are issued but it is up to each ndividual's honor to submit a list that is accurate. In addition, is helpful if the lists submitted are not for more than 20-3- ontacts at a time. If there are errors, duplications, etc., the sts will be returned for your corrections.

Many amateurs have over 100 contacts and a few have s many 600, 700 plus contacts. We wish each of you Happy unting and keep those contacts coming.

very person has two educations: One which he receives from thers; and one, more important, which he gives himself.

avid, WB7AUJ, is working on a new computer for the club. He till needs a 3½ floppy drive. If you can spare one give him a call.

a free government, the rulers are the servants and the people heir superiors and sovereigns. Benjamin Franklin

am only an average man but, by George, I work at it harder than he average man. Roosevelt

ust remember, in ham radio, maximum smoke means minimum erformance.

RADIO CLUB OF TACOMA
MINUTES FOR REGULAR MEETING
OCTOBER 26, 1994

The meeting of the Radio Club of Tacoma was called to order at 7:38 P.M. by President Jim Kirkreit, K7YLM, with 80 members and 2 guests present. A quorum is present to conduct official business.

ANNOUNCEMENTS:
10/28/94 Lickem Stickem Party 10:00 AM RCT Clubhouse
11/14/94 License Exams at RCT Clubhouse 6:00 PM
8/12/95 RCT Flea Market

NEW CALLS AND UPGRADES:
NEW CALL: Larry Smith, AB7FJ

HEALTH AND WELFARE: Louis, AA7WE, is back with us this evening following his fall and a broken arm. Welcome back Louis. Ed, KC7BAI, will be having surgery in the AM and Bud, N7FQR, is scheduled for surgery on Friday AM.

The club has received thank you notes from Valerie Hirn and Fuscae Wampole.

HINTS & KINKS, TUNING AND TRAFFIC, ETC.: Jim, K7YLM, passed out a reprint on "How to Build Cheap and Easy Two Meter Antennas".

TREASURER'S REPORT

GENERAL FUND CHECKING	829.45
REPEATER FUND CHECKING	1,494.78
PACKET FUND CHECKING	211.94
FLEA MARKET CHECKING	4,022.87
MONEY MARKET SAVINGS	8,959.84
SCHOLARSHIP MEMORIAL CD	2,549.40
CASH ON HAND	0.00
TOTAL ALL ACCOUNTS	$18,068.28

MEMBERSHIP: 569 members as of this date for 1994.

MINUTES: Previous minutes are available at the front table.

PROGRAM: Terry Perdue, K8TP, presented the program this evening on the history of the Heathkit Corporation. It seems it started with airplanes and then later moved to kits for building your own pieces of equipment. It then went to cutback on kits and sold the already built pieces of equipment. The company currently only has about a hundred employees. Thanks to Terry for an interesting review of the Heathkit company.

BY-LAWS: Jim, K7YLM, expressed his concerns that the By-laws Committee has done a "hurry-up and put together job on changes" to the current By-laws. He states he has consulted a lawyer who has expressed that there is no need for changes in the current By-laws. He feels the Board has not been kept informed and has not reviewed the changes. He further states that the By-laws committee is composed of 2 Board members and 1 member at large. Therefore, review of the By-laws in his opinion has been largely by the committee even though all 8 Board members have received a copy of the By-laws with the proposed changes. The President further states that he is not bound by the edict of the Board, does not work for the Board but does work for the membership. As a result of this, Jim, K7YLM, would like the By-laws changes be delayed to the first of the year or later. He would entertain a motion to delay the By-laws being distributed and brought to a vote by the membership. Jim further states that he does not even know what the changed By-laws have in them.

Dick, WB7CRR, moved the By-laws be delayed till after the first of the year and at that time a group of 5 members completely removed or disengaged from the committee making the changes review them. Seconded by Jerry, K7ETU. Alan, N7EAY, asks for a point of order related to how can the membership be asked to reject what they have not seen. Dan, N7QWH, asks if the membership would be able to see the by-law changes. Shirley, N7QHW, responded that each member would be mailed a copy of the by-laws with the old language as well as the new language at least 30 days before a vote would be taken.

Jim, K7YLM, is reminded by Don, N7AEJ, that there is a motion on the floor for tabling and a tabled motion has no discussion. Jim agrees. Andy, KB7DOX, calls for the question. Jim, K7YLM, asks for a show of hands from those who are in favor of tabling and also those against. MOTION PASSED.

Further discussion ensued related to the membership's lack of knowledge of the fact that the By-laws were even being changed. Shirley, N7QHW, stated that it has been in the minutes and that the minutes are as up to date as possible in the Bark.

Ray, W7KFN, Chairman of the By-laws Committee, expressed his concerns related to the currently expressed issues. He reminds everyone that the committee has been reviewing the By-laws for the past year and one-half, the committee has worked with the long range planning committee, some of the changes which are related to services provided by the club are needed to bring the club more in compliance for our tax status as a non-profit tax exempt 501 (c) (3) organization, and the Board has been informed since the appointment of the committee as well as each board member was given a copy of the proposed changes for their review and comments and/or suggestions for changes. If there was no response from a Board member, it was interpreted as agreement with the proposed changes.

Mike, KB7VNT, moved that the members be mailed By-laws with the proposed changes as soon as possible. Seconded by Tom, N7QHX. MOTION PASSED.

AROWS: Marilyn, KJ7BN, announced that the next AROWS meeting is scheduled for Saturday, November 12, 1994 at 2:00 PM at the clubhouse after which the ladies will try to clean up the clubhouse for the breakfast the following day.

BREAKFAST: Marilyn, KJ7BN and Russell, KB7UXK are chairing a Fund raising Breakfast to be held on Sunday, November 13, 1994 at the clubhouse from 8:00 AM to 12:00 Noon. The proceeds will be used for sprucing up the clubhouse. Breakfast will be $3.50 for adults and $2.00 for children.

ELECTIONS: Marilyn, KJ7BN, reminds everyone to fill out their ballots and turn them in or mail them.

CHRISTMAS OPEN HOUSE: There will be an Open House on December 11, 1994 from 1:00 PM to 5:00 PM at the clubhouse.

RACES/ARES: Shirley, N7QHW, reports there were two searches this weekend for lost hunters and both had positive outcomes. She also reminds everyone that there will be a simulated earthquake exercise in April 1995 over a two day period during the week and lots of volunteers will be needed.

PACKET: Jim, K7YLM, reminds us that there is a packet meeting on November 17, 1994 and there will also be training. He invites you to bring your equipment and there will be help getting it up and running.

CONTESTING: David, WB7AUJ, has sign up sheets going around for those interested to sign up if even for a couple of hours and that these contests now are just practice for next years Field Day so come out and have some fun and learn. Contests this month include CQ Worldwide this weekend, Sweepstakes CW the following weekend, Sweepstakes Phone the weekend after CW and SSB YL contest now.

HF STATION: Brian, KA7KUZ, reports that the station room has been painted and he is putting together pricing for new carpet. He expresses thanks to Roy, N7ARO, for donating the AT case and power supply. Brian is considering having a time that the club station is available for members who simply want to ragchew. Is there an interest in this and if so contact Brian and let him know.

FLEA MARKET: Alan, KB7SVU, reports there is an opportunity to be the recipient of donated tables next for the Flea Market. The Charles Wright Flea Market is asking for help with Security on November 4, 5, and 6, 1994 from 10:00 AM to 3:00 PM for their Flea Market in exchange for the tables. He reports this would be a savings of approximately $1500 for the club. Bill, N7TEQ, will take the names of those who are able to help out with this.

EDUCATION COORDINATOR: Bill, W7GBC, is looking for ideas and suggestions for training needs. Contact Bill with your suggestions.

NEW MEMBER CERTIFICATES:Certificates available were for George Smith, KL7GRL; Phil Gendreau, W7PFZ; and Jim Ely, N7YFO.

LOGGER CONTACTS: Certificate was available for Jeff Watterson, KB7NHD.

Logger endorsements were available for Gary, KB7ZDS and Jerry, K7ETU(1).

ADJOURNED: The meeting was adjourned at 9:40 PM.

Respectfully submitted,
Shirley Murphy, N7QHW, Secretary RCT.

RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
NOVEMBER 2, 1994

The Radio Club of Tacoma Board of Directors meeting called to order at 7:43 PM by President Jim Kirkreit, K7YLM. T were 7 board members and 17 guests present. A quorum is pre for conducting official business.

TREASURER'S REPORT

General Fund Checking	73
Repeater Fund Checking	1,49
Packet Fund Checking	21
Flea Market Checking	4,02
Money Market Savings	8,95
Scholarship Memorial CD	2,54
Cash On Hand	
Total All Accounts	$17,96

MINUTES: The minutes of the October 5, 1994 Board meeting available.

MEMBERSHIP: Total members for 1994 as of today is 569.

BY-LAWS: Shirley, N7QHW in the absence of Ray, W7K reviews Ray's submitted By-laws Committee Report of work don the committee over the past year and one-half. He refers to Board's responsibility related to management of the club w includes managing through the current crisis of conflict. Attache the report are a list of corrections and/or requested changes fo current draft of proposed changes to the By-laws. Complete repo attached. Shirley requests that the Board take the time this eve to review the additional comments and take action so the l comments can be included in the draft of proposed By-law cha that will be sent to the members as soon as possible. She fe this is not completed at this meeting, then another month goe without action and this indeed would probably not be viewed timely action by the membership. Many of the comments related to correcting underlining, spelling and crossing out the words. These will be corrected in this last draft before being m to the membership.

SECTION EIGHT (C): The last draft of the By-laws had the e statement underlined incorrectly. Comments are simply relate correcting the underlining since much of the text is old text and changed. No objections were heard related to correcting t errors.

SECTION FOUR (A): Discussion related to requiring 2 years o membership before being a candidate for an officer or board men position began with Jim, K7YLM, stating he feels we would discriminating against new members if we have this criteria in the laws. Comments by Alan, N7EAY; Kathleen, N0EYK; Ra KA7FIG; Jerry, W7BUN; and Mac, W7MSR support retaining language requiring 2 years of membership before being eligible to for an office or board member position. A vote of the board on issue is five votes for leaving the language in the by-laws and vote against. The language requiring 2 years of member remains.

SECTION TWO (G) and (H): Content of the text is not consis related to rates of dues and different types. Text will be change (G) to read "Student members will pay the student member rate".

SECTION FIVE (H) (4): This will read as follows: "ASSIST SECRETARY & ASSISTANT TREASURER. The Board will permitted to appoint Assistant Secretary(s) and Assis Treasurer(s) as non-voting Board members if necessary." objections heard.

SECTION FOUR (A): Ralph, KA7FIG, has requested that text added to this section as follows: "Should either the President or v president choose to run again for any office rather than take automatic Board member position, they give up the right to automatic Board member position once nominations are clos Jerry, W7BUN, so moved. Seconded by Kathleen, N0EYK. further discussion. MOTION PASSED with 4 votes for the motio votes against, 1 abstaining and 2 members who have not voted.

POINT OF ORDER: Ralph, KA7FIG, asks how we can put "sh instead of "will"? Brian, KA7KUZ, reminds us that the two wo "shall and will" each have the same meaning and the usual use of vords are that shall is used when referring to specifications and use vill when giving directions.

ECTION NINE (C): Change text to read “The membership will be otified of proposed by-law changes, etc.” (A) Change the second entence to read “The Board may refer the amendment(s) to a Legal nd Regulatory Committee for their mrecommendation”. Brian, A7KUZ, suggests that language related to procedure be ncorporated into these changes stating that the proposed changes vill also be reviewed by a 5 member panel prior to be submitted to e membership for a vote. Shirley, N7QHW, suggests that the omposition of the 5 member panel be a combination such as 2 oard members and 3 member at large. Kathleen, NØEYK, feels ere is still a general feeling of lack of trust in the current board and is highly undeserved and that since the membership voted in the urrent board, they have been entrusted by the membership to do the ery best job they can. Don, N7AEJ, brings forward two points that e feels should be addressed in the current revisions of the By-laws. hey are that the Board should always have an uneven number of embers and that there should be an Executive Committee escribed in the By-laws. Discussion followed with Jerry, W7BUN, oving to change the number in SECTION FIVE (A) from three to ur full members elected at large. Seconded by Denny, KB7NAG. he vote is a tie vote with 3 board members for and 3 against. The resident breaks the tie and passes the motion with a vote for the otion. MOTION PASSED. The discussion related to an Executive ommittee will be tabled and discussed as a possible future change r the By-laws. It is an item that needs considerable discussion and ought and should be done outside of this meeting this evening.

ECTION FOUR (A): Denny, KB7NAG, suggests that the following ntence be added which reads: “Officers and Board members shall limited to three sequential terms on the Board, after which they ay again be nominated after a 2 year absence from the Board.” enny moved we incorporate the above language. Motion died for ck of a second.

ECTION FOUR (A): Ralph, KA7FIG, suggests that text be added ich states that permission be obtained before persons are minated from the floor. Jerry, W7BUN, moved that “No member n be nominated from floor without giving their prior permission. econded by Kathleen, NØEYK. MOTION PASSED.

lph, KA7FIG, would also like the following language incorporated o the By-laws regarding a Parliamentarian. “The President shall point a Parliamentarian before the first regular meeting in January settle all By-law or Robert's Rule of Order questions in good time. sputes which cannot be settled properly at a meeting shall be tomatically be tabled until such time that a ruling is available.”

scussion followed which included membership being able to errule the Board but does not say under what conditions or idelines this would occur. Shirley, N7QHW, suggests we leave the guage as it is except for the approved changes done this evening d mail the by-laws with the proposed changes to the membership d get their input before making further changes.

rry, W7BUN, moved we incorporate the discussed changes this ening into the by-laws and send them out to the membership as on as possible. A cover letter to be included which states they ould review them and send written comments to Shirley, N7QHW hin 30 days. There should also be language in the letter phasizing the point that all comments will be reviewed by a mmittee or the Board but not necessarily be incorporated as a posed change. Seconded by Alan, N7EAY. MOTION PASSED.

IND RAISING BREAKFAST: Jim, K7YLM, asks if there are any eds of the committee doing the breakfast related to funding, sistance or advertising. Russell, KB7UXK, reports they would preciate any help possible with advertising the event. He is not re about funding or assistance but will look into that or we can ntact Marilyn, KJ7BN.

RISTMAS PARTY: The event will be held here at the clubhouse December 11, 1994 from either 12-4 or 1-5. Jim, K7YLM, will rk on some prizes again.

ECTIONS: Jim, K7YLM, is concerned that there will not be a od place for counting the ballots at the meeting location. Jerry, 7BUN, states that we can request that the last third of the meeting closed off and we can set up table and chairs for the Election mmittee and they will also be private. There is also concern that ballots will be opened prior to November 9th. The Election Committee had previously stated the ballots would not be opened until November 9, 1994.

HF STATION: Brian, KA7KUZ, HF Station Manager reports he has received bids for carpeting and reports as follows: (1) cost to carpet radio room only would be approximately $185-230, (2) cost to carpet entire upstairs including the stairs would be approximately $671-785 and (3) cost to carpet the whole clubhouse would be approximately $1300-1500. The carpet is a commercial grade carpet. There is a question related to if a pad is needed or not but it probably would lengthen the life of the carpet if there were a pad under it. One bid did not get returned to Brian and the Board would like him to pursue getting that last bid. Shirley, N7QHW, would like to see paint before new carpets. Jerry, W7BUN, moved that we approve spending up to $1000 to carpet the entire upstairs and down the stairs. Seconded by Alan, N7EAY. Discussion included concerns that the steps are quite narrow and adding carpet would in all likelihood make them even narrower. A suggestion of new paint on the stairs with new nonslip treads might be the best plan for the stairs versus carpet. MOTION PASSED. Jerry, W7BUN, moved we not carpet the stairs. Seconded by Denny, KB7NAG. MOTION PASSED.

POINT OF ORDER: David, WB7AUJ, asks if the secretary if this amount would be considered a capitol expense. There currently is no language related to a specific amount in the by-laws that is a determining point for something being identified as a capitol expense or not. Shirley, N7QHW, states in her opinion that under a $1000 dollars would not be a capitol expense but feels it certainly could be taken to the membership if needed.

Jim, K7YLM, has a source for a couple of very reasonably priced desks for the radio room and he and Brian will work on that.

Brian, KA7KUZ, also reports of the donation of the AT case, monitor, power supply, hard disk, and we still need digital card and a 3.5 inch floppy drive. Shirley, N7QHW, reminds everyone that when items are donated to the club, we need to inform the appropriate persons so that tax receipts can be done and thank you letters can be written.

ANNUAL RADIO CLUB OF TACOMA BANQUET: Jim, K7YLM, reports that Brian and Jonmarie Spindor are chairing the banquet along with Don and Marilyn Olson. Jerry, W7BUN, requests that we consider going back to the Elks. Russell, KB7UXK, feels we need to have more flexibility wherever we are for those who have special dietary needs not only on the food side but perhaps on the cost of the meal if the person is only going to eat a salad for instance. Brian reports that the only Saturday that is open is February 25 but it is not available until 7:30 PM. Brian will reserve this as a backup but will try to see if there is anything else available.

SECURITY: Ralph, KA7KUZ, reminds us that there has been a request by the group doing their annual Charles Wright Rummage Sale to provide security for them. In exchange, they will let us use their tables saving us rental cost. Volunteers are needed and Ralph will take names.

ENGRAVING MACHINE: Jerry, W7BUN, reports that as far he knows the estate should be closed but has not heard for sure.

CORRESPONDENCE: Shirley, N7QHW, read a letter from Ray Pedersen, W7KFN, resigning as the Chairman of the By-laws Committee.

SUBSCRIPTION RATE FOR THE BARK: Shirley, N7QHW, reports that the current rate of $7 per year should remain as the subscription rate. She also reports that we are being charged at a lower rate than when started using copy services due to increased numbers we are printing as well as competitor prices being met.

DUES: Kathleen, NØEYK, brings before the Board the need to ascertain whether the dues structure is adequate to meet the needs of the club. As stated in the By-laws, the Board at or before its November meeting needs to determine the membership dues for the upcoming year.

Jerry, W7BUN, moved that the dues be $20 for Full and Associate members, $16 for Senior members, $10 for Student members and $4 for Family members. Seconded by Alan, N7EAY.
MOTION PASSED.

CONTESTING: David, WB7AUJ, expresses concern that the club needs an RFI Committee to address the neighbors concerns regarding interference from us on telephones, televisions, stereos, etc. He says he has reported this before and has seen no action. Shirley, N7QHW, supports David's suggestion of addressing these needs. Jim, K7YLM, assures us that we will work on getting a committee together to deal with these problems. The level of power is definitely a factor. When the linear amp is turned on, the problem arises. It is reported that the linear is not functioning properly. Denny, KB7NAG, moves that we find out the problem with the linear amp fix it if it can be fixed and if not, buy a new one. Died for lack of a second.

ARRL SWEEPSTAKES: David, WB7AUJ, reports that ARRL has pins available for purchase for participants in Sweepstakes and he would like the Board to approve getting these pins for persons who participate. He also would like for the funds that are collected in the Field Day Bus be redesignated for being used for all different types of activities and use be determined by the Contesting Committee when he gets more volunteers for the committee. He would like to see a designated fund for contesting. It is suggested to David that he prepare projected costs for contesting and submit it for budget consideration. Jerry, W7BUN, moved that the club purchase the pins for those who participated in Sweepstakes. Seconded by Alan, N7EAY. Vote for is 3, against is 2, 1 abstained and the President voted for the motion. MOTION PASSED.

David, WB7AUJ, also requests that the secretary write a letter to the company that sells the Contesting Program and Logging Program they have been using and see if they would be willing to donate the programs to us. He will provide the needed information to the secretary.

MISCELLANEOUS: Brian, KA7KUZ, asks for permission to dismantle the workbench which has been located in the radio room as it is no longer used. The Board gives him their blessing.

Alan, KB7SVU, received a telephone call from a blockwatch group here in Tacoma requesting someone to come and talk at their meeting about communications, how to get licensed and what is he best way to go to assure them good communications. The meeting is scheduled for November 15, 1994. He asks if there is anyone or person in the club who does this. It is suggested that the notice is short and a delay would be helpful while the membership is canvassed to see if anyone is willing to do this.

PACKET: Jim, K7YLM, reports that the packet station is currently down and it is hoped that it will be back up soon.

ADJOURN: Meeting adjourned at 10:25 PM.

ATTENDANCE

President	Jim K7YLM
Vice-President	Alan N7EAY
Secretary	Shirley N7QHW
Treasurer	Jerry W7BUN
Board members	Mac W7MSR
	Kathleen N0EYK Denny, KB7NAG

Guests: Judy, AJ7R; Brian, KA7KUZ; Ralph, KA7FIG; Rob, K7TGU; Russell, KB7UXK; Roger, K7AYC; David, WB7AUJ; Al, KC7DDA; Jonmarie, KC7DKH; Tressie, KC7BAL; Alan, KB7SVU; Dan, N7QWH; Arthur, AA7EO; Mike, WB7DFQ; George, WA7BHH; Don, N7AEJ; and Frank, KG7HB.

Respectfully submitted by,
Shirley Murphy, N7QHW, Secretary RCT

RADIO CLUB OF TACOMA
MINUTES FOR REGULAR MEETING
NOVEMBER 9, 1994

The meeting of the Radio Club of Tacoma was called to order at 7:30 P.M. by President Jim Kirkreit, K7YLM, with 102 members and 3 guests present. A quorum is present to conduct official business.

ANNOUNCEMENTS:

11/14/94 License Exams at RCT Clubhouse 6:00 PM
8/12/95 RCT Flea Market

NEW CALLS AND UPGRADES: Katrina Holwege-waiting for new Tech + license and John Holwege, KC7BKA, upgraded to General Class.

LOGGER CONTACTS: Certificate was available for Twyla Jones, KB0OBB.

Logger endorsements were available for Jerry, K7ETU(1), Tressie, KC7BAL(2), and Lorraine, KA7WGG(3).

HEALTH AND WELFARE: Bud, N7FQR, is back with us this evening following his surgery of about 10 days ago.

BY-LAWS: Jim, K7YLM, reports that the Board of Directors sev admonished him for his behavior at the least meeting and reque him to apologize here at this meeting. He states he is proud to with and for the Board as well as the membership and extend apology to them now. He reports that at the last Board meetin by-laws were reviewed in detail and are now in the mail for re and comments by the membership.

SPECIAL ANNOUNCEMENT: Jim, K7YLM, announces that North Kitsap Amateur Radio Club(NKARC) has been authorize have 5 radio stations on the battleship Missouri for the Anniversary of the peace signing with Japan on the Missouri 50 y ago. This will occur on September 1 and 2, 1995. The NKARC invited the RCT to help them with this historic event. The exte our involvement is not clear at this point but Jim will be meeting them and getting more information soon. They have requested received from the FCC a special call sign for this event whic WW2END. So far there have been 3 US Presidents who confirmed they are coming and also top Japanese officials.

HINTS & KINKS, TUNING AND TRAFFIC, ETC.: Jim, K7Y passed out a reprint on "A 20 Meter Mini-Dipole".

TREASURER'S REPORT

General Fund Checking	575.
Repeater Fund Checking	1,494.
Packet Fund Checking	211.
Flea Market Checking	525.
Money Market Savings	12,157.
Scholarship Memorial CD	2,556.
Cash On Hand	0.
Total All Accounts	$17,521.

MEMBERSHIP: 569 members as of this date for 1994.

FLEA MARKET: Final Report is Income exceeded Disbursem by $3197.87

MINUTES: Previous minutes are available at the front table.

CLASSES: Jerry, W7BUN, is passing around a sign-up shee anyone who is interested in upgrade classes.

PROGRAM: Les Smith, KC7BYN and Mike Horbul, KI7YB, presenting the program this evening on ***"What are they doin Matsushita?".*** Les gave us a short history of Panasonic anc evolution of the business. They showed a video on how the wa are made from the beginning to the end. A very interesting proc and also informative.

LOGGER'S BARK: Ralph, KA7FIG, has been requested to pu Bark on tape for one of our members and is asking if anyone ir club might have some good recording equipment that could be for this. Contact Ralph if you can be of help to him.

XMAS PARTY: Alan, N7EAY, reports there will be a gathering n like last year, only this year will be held at the TACID Building loc at 6315 So 19th Street. It will be a potluck with Russell cookinc turkey again. We will be eating at approximately 4:00 PM so cor little earlier for socializing.

AWARDS: Jim, K7YLM, presented to Ron, WA7UQV, second in the Friendship Contest and presented to Bob, N7QOZ, first in the 10-10 Contest.

RACES/ARES: Shirley, N7QHW, announced the Manager me on November 16 and the general membership meeting on Nover 30 where the election of officers will take place. She remind again that the middle of April 1995 is Earthquake Preparedness and there will be a simulated disaster for practicing. Lot volunteers will be needed.

LICKEM STICKEM PARTY: Shirley announced that the part November to mail the December Bark will be Wednesday, Nover 30, 1994 at 10:00 AM at the clubhouse.

FOR SALE: Jim, K7YLM, announced that there is a Yaesu FL and 500(Transmitter and Receiver) for sale. They are brand ne the box. If anyone is interested, he has a contact telephone.

BREAKFAST: Russell, KB7UXK, announced the breakfast Sunday, November 13, 1994 from 8:00 to 12:00 Noon. Ever come and help raise funds for improving our clubhouse.

AROWS: Judy, AJ7R announced that the next AROWS meeti scheduled for Saturday, November 12, 1994 at 2:00 PM at clubhouse after which the ladies will try to clean up the clubhous e breakfast the following day. There will be election of officers at at meeting. She reminds everyone of the bake sale at the back of e room.

REAKFAST: Marilyn, KJ7BN and Russell, KB7UXK are chairing a und raising Breakfast to be held on Sunday, November 13, 1994 at e clubhouse from 8:00 AM to 12:00 Noon. The proceeds will be ed for sprucing up the clubhouse. Breakfast will be $3.50 for ults and $2.00 for children.

ATS AND T-SHIRTS: Tressie, KC7BAL, reports that she can der hats and still has some T-shirts if anyone wants one.

DWLING TEAM: Jim, K7YLM, is asking if there is an interest in tting a bowling team going for the Radio Club.

F STATION: Brian, KA7KUZ, reports that he is working on getting w carpet for the upstairs of the clubhouse and will be looking for lunteers to help move furniture, etc. in preparation for the new rpet. He will let us know when it is time.

ACKET: Mike, WB7DFQ, reminds us that there is a packet eeting on November 17, 1994 at 7:30 PM and there will also be ining on how to send a message around the world.

ONTESTING: David, WB7AUJ, asks if persons are participating in ntests from their homes, to be sure and bring their lists into him or Shirley for signatures so we can get credit for the contacts.

CURITY: Bill, N7TEQ, extends his thanks to all the people who unteered to help provide security last weekend at the Charles right Rummage Sale and reports there will be plenty of tables for Flea Market with no expence to the Club.

HAT'S NEW: Jim, K7YLM, reports that Apple and IBM are rking together on producing a computer and it should be out within ouple of years.

ECTIONS: Marilyn, KJ7BN, announced the results of the election follows.

PRESIDENT:	**Jim Kirkreit, K7YLM**
VICE-PRESIDENT:	**Bill Shimmin, W7GBC**
SECRETARY:	**Judy Kirkreit, AJ7R**
TREASURER:	Jerry Seligman, W7BUN
BOARD MEMBERS:	**Alan Allen, N7EAY**
	Shirley Murphy, N7QHW
	Brian Spindor, KA7KUZ
	John McAllister, W7MSR

rilyn reports that there were 328 ballots returned which she feels an excellent return rate.

JOURNED: The meeting was adjourned at 9:30 PM.

Respectfully submitted,
Shirley Murphy, N7QHW, Secretary RCT.

General Class Course Planned

A sign-up sheet has been passed around at Club etings to find out how much interest there is for forming neral, Advanced, and Extra Class license courses. There enough interest in a General course at present to plan on rting one early next year. If you're a Technician or chnician Plus and want some help to pass the written neral examination, contact Jerry, W7BUN, at 845-7652. er passing the written exam, you have one year to pass the de element.

November 14 License Exam Results

On November 14, 38 candidates took 46 examination ments and passed 39, for a pass rate of 85%. Most of the ndidates were from the Monday night Novice/Technician urse, and 35 Novice exams were taken with 33 passed, for pass rate of 94%. There were four upgrades: 1 Technician ass, 1 Technician Plus Class, and 2 Advanced Class. The xt examination session will be 10 AM, Saturday December st at the Clubhouse

hatever you have, spend less.

mething to live by: "I have never been so discouraged that I uldn't lose myself in the thought of a new idea."

July 8, 1930 RCT President H. Reichard suggested that the b attempt to find some old church pews to be used in place of airs. No motion was made.

If Cars Had Operating Systems

What if an operating system were involved in the business of climbing into your car and travelling to the local store?

MS-DOS: You get into a Yugo, putter over to the store, buy two bags of groceries, and discover that neither of them will fit into the car for the return trip. You end up buying a car-top carrier and thinking about upgrading.

Windows: You get into a brightly colored freight train and try to get up to speed. You don't have to worry about steering, as the track has been laid out already, but you end up spending half an hour waiting at each intersection as other trains go by. More often than not, a slight flaw in the track leads to a scene out of the movie "The Fugitive," and you have to start over with a new train.

OS/2 2.1: You get into a limo and drive to the airport with a motorcycle escort, a marching band in procession, and helicopters dropping confetti. You arrive and board a Lear jet that takes you to the store, complete with a choice of several in-flight movies. Unfortunately, the whole business requires approximately 80,000 liters of jet fuel just to get moving, but if you happen to own your own oil company, it's probably the way to go.

NeXt: You board a Hovercraft and spend the next half an hour trying to figure out how to use the controls, which seem to be labeled in a foreign language.

Unix: You get into an M1 tank, grind your way over to the store with amazing reliability and traction, and find yourself totally unable to park.

Windows NT: You flag down a UFO, politely ask it to take you to the store, hop on board, and are never heard again.

AmigaDos: Same as Windows NT, except that you appear out of thin air seven years later carrying bread and milk.

Macintosh: You step into a telephone booth in your living room that takes you effortlessly to the store without you even having to know where it is. Unfortunately, you can't set it to go anywhere else, because you really don't know it works.

Chicago: Still in the early stages of production, the rumor is that they intend to build a rocket of their own to launch into space to search for the missing victims of NT. Odds are it'll blow up on the launch pad, but there's still time to place your bet.

Tnx Tedd, VE3TJD, in Olympia ARS *Watts News*

Oddball Radio Club Names Noted

Some radio clubs have strange names, especially those that are organized for contesting only. Some examples:

The NERDS
The Nature Boys
Shutesbury Shortwave Shamen
Surely Temple Solar Society
RF Rejects
Fist and Mouth Contest Company
Full Calls Only Wireless Association
Bozo and the Lids
Buster's Beach Bums
Six Sparks and a Gap
Max and Greg's Auto Repair
Ordbend Park Phased Vertical and Barbeque Society
Bobo and the Yahoots
Lacey Racey Underwear Chasers
Mongolian Morons
How Low Can We Go Field Day Group
(and from Illinois) The House of IL Repute

Tnx Mt. Baker ARC *Ground Wave*

Quality Christmas Trees

2 Locations

112th St E & Waller Rd

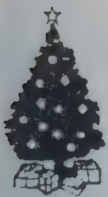
140th & Pacific

9 am - 12 am

Special Home Grown Douglas Firs

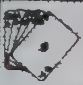
Call Bill N7TEQ

hm: 582-9349



December 1994

W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1 # ALVE KA7BRT # CRAIG N7KME	2 ARRL 160m CONTEST #'GORDY'-N7TEW	3 PINOCLE/ Potluck Clubhouse 7pm ARRL 160m CONTEST # PHYLLIS NEE #'Hal'-W7EC #'BOB'- N7TLV
4 ARRL 160m CONTEST #'Tom' KE7SW #'Joe'-KC7FF	5 # JAMES-N7WGH #'RON'- KB7RTT	6 147.28 NET 7:30 PM --- #'MIKE'-KB7VNT	7 Board Meeting Club House 7:30 pm. #'MARK'- N7WGE	8 #MARGARET-KB7WYK # CHARLIE LARSEN	9	10 ARRL 10m CONTEST
11 *DK Pot-luck XMAS PARTY 4pm* ARRL 10m CONTEST # KAREN-KA7GZG	12 # LARRY -KB7FQ #'LEN'-KB7NEM #'JIM'- WA7BBI #'BILL'- W6TRA # CARL- KB7WRC	13 147.28 NET 7:30 PM ---	14 W7DK MEETING Library 112 St. E.& WALLER RD. 7:30pm #'Bill'-N5ITE #'KEN'- KB7ZQN	15 PACKET - CLUBHOUSE - 7pm # JACK -WA7ENB # MEL -N7FIR #'ED'- KC7FLR	16 #'BOB'WB7QCS #'JERRY'W7BUN #'KEN'- KB7UXT #STEVEN-KC7AVE #'DAN'- KC7CUQ	17 *AROWS MEETING-KJ7BN RESIDENCE 2pm* #'Rex'-W7NP #RICHARD-KD6FBA # JOHN- KB7WYQ
18 #'Ken' WB7QNT #'Doug' AJ7Y #'Bob'-KC8AZ	19 #DOLLY MATTICE # MARILYN-KB7PCT	20 147.28 NET 7:30 PM --- *LOGGER'S BARK "DEADLINE"* MVWS VE TESTS # JOHN - NI7U	21 #BRENDAN N UIE #GARRETT-KB7IOG **Winter begins**	22 # MARK KB7PKD #'BARB' N7YFK	23 # DAVID-WB7AUJ	24
25 Christmas # JOHN -W7MSR #RIC'- N7UFB	26  LADY'S PINOCHLE CLUB-HOUSE NOON #ZACK - KC7AZO	27 147.28 NET 7:30 PM --- # JENIFFER-N7YFR	28 W7DK MEETING LIBRARY 112 St. E. & WALLER RD. 7:30pm #'Jack'-K7SRU #'BILL'- W7IJ	29 BARK lickum/stickum -CLUBHOUSE- 10am # JAMES- KF7FB # CAROLYN-KC7ETN	30 # FRANK -W7DWW	31 LICENSE EXAMS Clubhouse 10am New Year's Eve # LOUIS-KA4SWL

November 1994

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

January 1995

S	M	T	W	T	F	S
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8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

# Happy Birthday!

Coming Events

DEC 3 Pinochle /Potluck at the Clubhouse 7 PM

DEC 2-4 - ARRL 160-Meter contest - see November QST.

DEC 7 - Board of Directors meeting - 7:30 PM - at the Clubhouse - all members are invited.

DEC 10-11 - ARRL 10-Meter Contest - see November QST.

DEC 14 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - **Program: *"A Ham Tou Southeast Asia."*** Dale Drake, WA7GMY, from Issaquah, recently visited hams in Southeast A We will see a short video of his trip.

DEC 17 AROWS Meeting at Marilyn's at 2 PM

DEC 26 Ladies Pinochle at the Clubhouse 12 PM

DEC 28 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - **Program: *"Peter 1 Isl DXpedition."*** This remote, isolated Antarctic island was the most needed DX country by the wor DXers. This program by the Northern California DX Foundation shows the team that made 60, QSOs in February, 1994.

DEC 31 - License Exams - all classes - 10 AM - RCT Clubhouse.

DEC 31-JAN 1 - Straight Key Night - see November QST

MAR 11, 1995 - Mike & Key ARC Electronics Show & FleaMarket

AUG 12, 1995 - Radio Club of Tacoma - FleaMarket '95

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

ADDRESS CORRECTION REQUESTED

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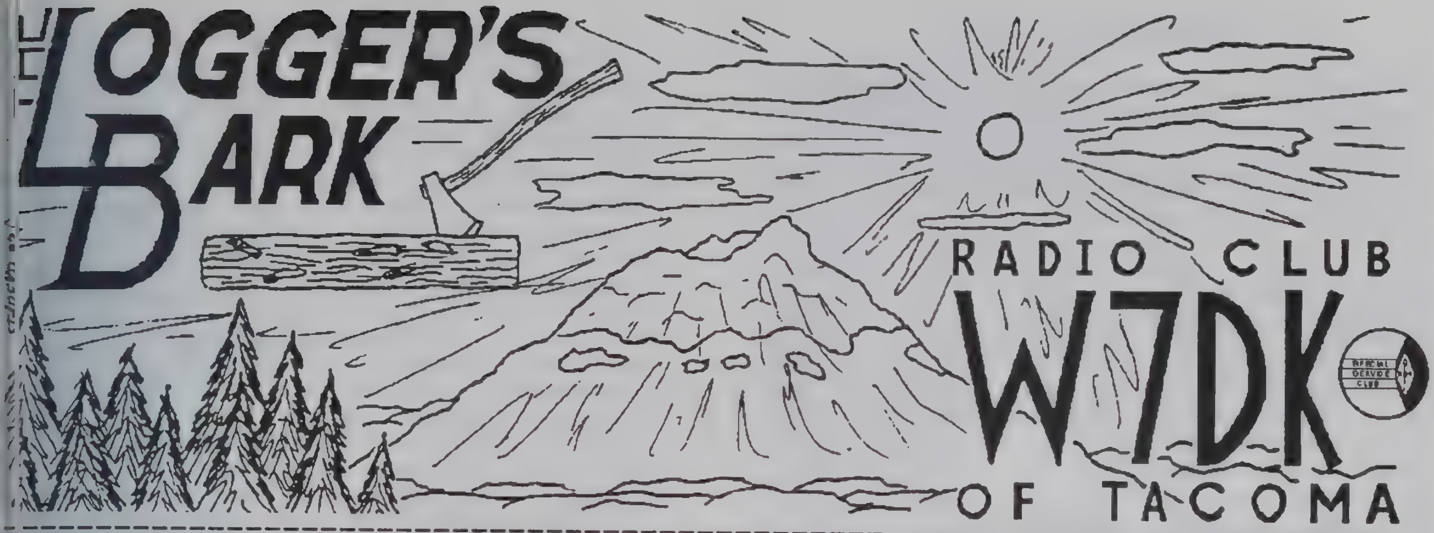

VL. XXXII NR.1 W7DK JANUARY 1995

From The President

de Jim K7YLM

My thanks for electing me as your President for another year. You have my word that I will do my best to serve you.

Our past year has been the best ever for our Club. We have had more training on more subjects than ever before. Our HF capabilities are now world class. We have had continually improving digital communications. We had five successful outdoor training esions. Contesting in HF, VHF and digital modes was an ustanding success. We now have an antique wireless station and running.

Our Club Paper, *The Logger's Bark*, has set a standard for rmation, training, and club and ham radio activities which is rly superior. Through the efforts of our editorial staff we have ieved a degree of excellence recognized by the ARRL and ling clubs in the Puget Sound area. We also have had more nts attended by more members in more different places than r before.

Where do we go from here?

First, we're going to do it all again. The fun, the excitement, training and that feeling of accomplishment will all return. s year will be totally dedicated to our members. We will have ny new, fun and exciting events. We will have many contests all license classes. We will present more certificates and es than ever.

This will be the year of the committee. It is my hope that we have more committees with more members working toward major goal of making the Radio Club of Tacoma the best that an be. In addition, these committees will provide the basic ction for our club activities.

We are now an Official Emergency Station of the ARRL. As n we will step up to the job and organize our emergency abilities to better assist our community in time of need. As a ritable organization, we will prove to our City that we, the io Club of Tacoma, can provide assistance on many worth e projects. Join us in everything you can throughout the year when you sign up for 1995, please complete our membership ewal survey. "Help us to help you."

Are we on the move? You bet we are. We will write Amateur io History and we will write it well.

Due Dues Dues Dues Dues Dues

The quest for your dues is only two months late!

You are the reason we have the Radio Club of Tacoma

On the back of the cover page is a questionnaire.
The Club really needs you to update
the membership files.
Please mail in the questionnaire
along with your dues to
Radio Club of Tacoma
P O Box 11188
Tacoma, WA 98411

Radio Club of Tacoma
Awards Banquet

Saturday February 25

Tacoma Elks -- 1965 S Union
Doors open for Cocktails at 7 PM

$15.00 including tax and gratuity

Menu: Roast Baron of Beef or Chicken, with buffet

Tickets available at all club functions

For reservations call or see
the Spindors: 756-5030
Brian, KA7KUX or "JM", KC7DKH

RADIO CLUB OF TACOMA
1995

PRESIDENT	JIM KIRKREIT	K7YLM	927-7825
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
SECRETARY	JUDY KIRKREIT	AJ7R	927-7825
TREASURER	JERRY SELIGMAN	W7BUN	845-7652
BOARD (4)	SHIRLEY MURPHY	N7QHW	265-3661
	JOHN McALLISTER	W7MSR	952-7388
	ALAN ALLEN	N7EAY	475-7413
	BRIAN SPINDOR	KA7KUZ	756-5030
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	MIKE CRAWFORD	WB7DFQ	531-4789
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COMPOSITOR	"NICK" OLSON	N7BCV	536-8940
PUBLISHER	W7DK PRESS	N7QHW	265-3661

****

CLUB MEETINGS

7:30 pm
Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411. 206 / 759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Mail all articles and advertising to Ralph Fuller, KA7FIG, 8208 Southway SW. Tacoma, WA. 98498. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO ***THE LOGGER'S BARK***, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/ Radio Club of Tacoma

147.88 / .28 MHz	144.97 - Packet
147.98 / .38 Mhz (pl 103.5)	441.00 - Packet
224.52 MHz	

New Members as of December 26, 1994:

Chandler Ellis, KC7EYZ RCT #179
9414 Waller Rd. E.
Tacoma, WA 98446 531-8142

Jim Brown, WB7DPM RCT #179
16320 38th St. E.
Sumner, WA 98390 862-3751

Jake Jones, KC7GQC RCT #179
20412 122nd St. Ct. E.
Sumner, WA 98390 862-1154

Address Changes:

John Craig, KB7OMU
P.O. Box 293
Roy, WA 98580-0293

Bret Conner, AB7AI
4611 N. Lexington St.
Tacoma, WA 98407-1215

Bill Rohrer, W7IJ
P.O.Box 1142
Spanaway, WA 98387-1142 458-9753

Ken House, KB7SOU
25937 113th Ave. SE Apt. B-305
Kent, WA 98031

Mark Tapper
2426 SW 352nd # B
Federal Way, WA 98023

Reinstated:

Norm Lowe, KB7UXM
1314 E. 62nd St.
Tacoma, WA 98404 475-1723

Frank Schitoskey, KB7RYS
2213 S. 96th St. Apt. 818
Tacoma, WA 98499 537-5276

New Calls:

Lynn Johnson, KC7FTG
John Giles, KC7GBE

Silent Keys:

Lana Schumacher, W7RHM
Walt Mamyshoff, W7DAH
Howard Fray W5PBL Ex-member

In Remembrance

Illeana "Lana" Mary Schumacher, W7RHM, 67 died Dec. 3, 1994. She had been a resident of Federal Way 20 years after moving to the area from Montesano, W She was born on Sept. 8, 1927 in Fergus Falls, Minn.

Illeana had a master's degree in art and taught scho for seven years at the junior and senior high levels at th Moclips Indian Reservation School. She was a member St. Vincent de Paul Catholic Church in Federal Way and member of the Radio Club since February of 1983. Sh will be missed.

DX Antarctic Info

4K1J - Princess Astris Coast - Active now.
8J1RL - Nipr Syowa - Ongul Island - Active on CW and SSB.
AT3D - Maitree Station - on every day 1800Z 14.270 MHz.
CE9AP - Greenwich Island, Antarctica - Active now.
CE9OH - Bernardo O'Higgins - Palmer Peninsule - Active Sa and Sun. 1800Z at 14.28 MHz.

(Info from W7DK Packet BBS

Editor's Log Pile

de Ralph KA7FIG

Happy New Year! My Bride and I spent six days at Pt. Brown at Ocean Shores and didn't miss a soul. As a matter of fact when I made my first mistake of calling RCT's right hand, Shirley, N7QHW, I found the guys and gals had taken care of business of the *Bark* quite well. I had to adjust some margins and tabs here and there so when the Compositor, Nick N7BCV begins the sculpture called the *Bark*, most of the paper is ready to roll.

In Nick's world, every letter has its own place. As the letters form words they have to fit his notion of form. Fonts (the style of a letter), points (the size of a letter), the space between letters, and lines take on the shape he gives them.

Although articles in the newsletter may look to the eye the same, rarely are they ever. In the beginning of this project called the ***Logger's Bark*** we had almost no rules. Articles could appear anywhere and everywhere and no one cared very much at all. Spelling and grammar mistakes were our first attempt to quiet the detractors who felt they had a call to make, as though we had no standards of our own education to keep us on the straight and narrow. Most mistakes were and are systemic. The fact that the editor is dyslexic is always a problem. Added to the fact that because of our schedules we have one night and then sometimes very late all night to put the newsletter out. Fatigue is one of our inescapable factors that only slows the pace because the errors go hand-in-hand with fatigue.

There will be sixty or so files in this *Bark*, and although I have a master plan in my head, Nick has to make the files fit. We simply have had to ask our contributing writers to help set up a master plan with their articles so we have a chance at a finished project.

Last month I gave a short talk on how the *Bark* is put together. I asked how many of you, the members, have computers, and a great number of hands went towards the ceiling. I then asked how many of you that have computers also have modems, and more than half of those hands stayed raised. Having a computer and a modem is a great tool for helping with the *Bark*. You can offer your expertise to those who still use a typewriter or longhand. It simply doesn't matter the complexity of your equipment or your skills. This business is simply about the willingness to risk. Many members submit ideas and articles in which they say, "make any changes you wish."

Almost every article of text goes to Shirley, N7QHW, primarily and others for proof reading to ferret out most of the glaring errors without changing the context if at all possible. Everyone of you have your own stories of how you came to the hobby. I would like to print those stories and ideas so that others in the Club may feel related to the problems, the successes and the problems you have had so every one in the Club can find some identity with you.

Meanwhile back at the scanner Nick is meticulously pouring over every edge of a picture to make sure the lines are smooth. Business cards in the Bark have been recreated or refinished, before Nick will allow them to be printed. By the way I said printed and that is incorrect, the *Bark* is copied on a very high speed copier. That presents a whole kettle of worms of it's own. Once Nick has prepared a "camera-ready" copy of the newsletter, he also gives me the *Bark* on a disk, less any graphics. Graphics can consume millions of bytes and that is not practical. Usually the *Bark* is so tight that adding one more character to correct an error, might affect every page in the newsletter - the *trickle-down* effect.

This not your problem - it is my twenty words a minute. What is most gratifying is that many of you even read the Minutes which means we have to be as good there as anywhere else in the paper. So give anyone named on page two a nudge in the ribs and tell them you have an idea, or want information about anything in the spectrum. Fifteen years ago we didn't have so much new information to think about.

TIMBER

W7DK HF Station

de Brian KA7KUZ

At the time of this writing I had just finished, along with a party of dedicated radio club members, work on preparing the upstairs of the clubhouse for the new carpet. We started about 11:00 AM on December 17 and finished around 7 PM that night. This included moving the equipment in the Radio Room, Museum, and the center hallway to the downstairs, removing the old carpet and pad, and putting up two coats of paint in the center hallway. The new carpet will be laid on December 22 and we will begin immediately following that, moving the equipment back upstairs. The thing that has impressed me the most with this project has not been the prospect of putting new carpet upstairs but the number of dedicated radio club members who volunteered their time to make this a success. It's great to see people dedicated to making a positive difference for the club. I will have a list of individuals who participated in the project in the next Bark when the project is complete. Come by and see the new carpet, it will be great.

On the 17th I also received for the club a Teletype machine donated by Jim, KI7KL in Kelso. Jim donated the machine because he knew of our museum and, just by chance, he donated the only piece of equipment that we did not have. For those of you who are not familiar with a Teletype machine the best way I can describe it that it's a cross between an electric typewriter and a mechanical computer. The mode of operation for a Teletype is that it takes an audio signal from the radio and converts the signal into a series of electrical pulses (known as a RTTY demodulator). A series of five pulses, each about 22 milliseconds, is generated and sent to the Teletype that activate a relay. The relay positions bars in the Teletype that enable it to select and print a letter. The whole thing requires the motors and pulses to be timed very closely. There is very little room for error. This was some of the forerunning work for computers which use 8 bits (or pulses) to generate a character. When the teleprinter gets going you will have to come by the clubhouse and see it in action, it's quite a monument to the mechanical transition to semiconductors.

Last month I mentioned that I need someone who could catalog some of the equipment around the clubhouse. If you have a knack for cataloging and inventorying equipment or would like to volunteer your efforts to the club, please see me and I will get you started.

Also the computer for the HF station is coming along nicely. We recently received a 3 1/2 disk drive donation from John Van Every (Rich Van Every's, N7YFE, son). This makes the computer for the station complete and it was fully assembled using donations from a wide range of RCT members. Thanks all of you, the HF station has taken a giant step forward!

I've been thinking about opening the club station for one or two nights a month to all members to use the HF station or just have a social gathering at the club house. This could be a Friday night and a Wednesday night with an option to have snacks and refreshments provided by members. Any interest?

Remember, the radio station is available for everyone to use. Regardless of your class of license you can use the radio station. If you want to work outside your license limits there is always a control operator present. Come on up to the station and join the fun. There's always a contest going on or someone who wants to rag chew.

73

News from ARRL and Westlink Report

de Jerry, W7BUN

The ARRL Membership Services Committee is recommending that the wildly successful Hiram Percy Maxim 125 Birthday Celebration of last September be held again in 1995 (from Labor Day weekend through the following weekend, nine day's worth). There is strong support for more people to be eligible, namely ARRL Volunteer Examiners, assistant emergency coordinators, HF and VHF awards managers, and more.

Effective January 1, 1995, the FCC's maximum allowable reimbursement fee for an amateur examination will be $5.92, up from the current $5.75. The ARRL will charge $5.90 to each applicant (except those taking only Elements 1A or 2 - the 5 WPM Morse code test or the Novice written test).

A reminder to DXers that again this year the DXCC Annual List appears not in QST but rather in the ARRL DXCC Yearbook, due out in February. If you have made a DXCC submission in the last year you will automatically receive a copy of the Yearbook.

The recent thawing of relations between Israel and Jordan was notable by the appearance of Jordan's King Hussein, JY1, on an Amman, Jordan repeater, according to the Israeli newsletter HaGAL. When Jonathan, 4Z9FHB, called CQ there, JY1 answered, and proceeded to work the young Israeli amateur. HaGAL also reports that discussions have taken place between the two countries' amateur societies, on "technical cooperation" and plans for a very special DXpedition, yet to be announced.

The Republicans are in and one of them is one of us. David Funderburk, K4TPJ, has been elected to the US House of Representatives from North Carolina. Funderburk, 50, was first licensed at age 15 and describes himself as an "avid ham radio operator." He holds a Ph.D. in history with a specialty in international relations and Eastern Europe. He taught history for 14 years at several North Carolina colleges before being appointed by President Reagan as US ambassador to Romania in 1986.

The complete election results for the ARRL Northwestern Division Director are: Mary Lou Brown, NM7N, 2955. Mary Lewis, W7QGP, 1505. Don Clower, KA7T, 471. Mary Lou Brown, vice director for five years, was successful in her race to unseat the incumbent director, Mary Lewis. Brown, who is a member of the Membership Services Committee, was a department chair at the University of California before retiring. She lives in Anacortes, Washington. The results for Vice Director are: Gregory Milnes, W7AGQ, 2506. Clay Freinwald, K7CR, 2301. Greg Milnes lives in Hillsboro, Oregon. He has been an Oregon circuit trial judge for 25 years and before that was a lawyer for the Federal Communications Commission. He has been especially active in issues surrounding amateurs' rights to antennas.

The January golden anniversary issue of CQ Magazine looks like a keeper; the editors call it the "first comprehensive ham radio history since 1936." A 72-page special section recounts Amateur Radio's growth since 1945, "from the rebirth of Amateur Radio after World War II through the development of single sideband and transistors to today's miniaturized, computer-controlled transceivers."

Do not look for any action on vanity ham radio call signs until the second quarter of 1995. The FCC says the issue is still under consideration and expects something out in spring. Translate that to mean the Commission will proba announce its decision during the last weekend in A Making such announcements at the Dayton Hamvention F Forum has become sort of a tradition with the FCC.

When some strange RFI started to show up in around Omaha, Nebraska, it was the local ham commu that helped find the source. It seemed that owners of Se brand garage door openers began bombarding the FCC o with complaints that they were able to close the doors but to open them. Several Omaha hams assisted the FCC locating the interference source. It turned out to be a br new air to ground communications system at nearby Offut Force Base that was operating on a frequency very close that of the Sears garage door openers. The Air Fo contractor agreed to solve the problem by changing the rad to another frequency.

As part of its reorganization, the FCC has establishe new Wireless Telecommunications Bureau. This new bur will have seven divisions; the new Private Radio Divisi along with the Licensing Division will handle Amateur Ra matters at the FCC. Other divisions are: the Commer Radio Division, the Enforcement Division, the Aucti Division, and the Customer Services Division.

The FCC's accounting records are an "inauditable" me says a report from the US Inspector General. The Novem report found more than $40 million in account discrepanc in fiscal 1993. Incoming Senate Commerce Commit Chairman Senator Larry Pressler said that he would "like reduce the size of the FCC."

The ARRL DX Advisory Committee (DXAC) has voted reject adding Austral and Marquesas Islands, and Ball Islands to the DXCC Countries List. Austral and Marque Islands are in French Polynesia and Balleny Islands are of Antarctica.

New overland distance records have been set on the and 5760 MHz amateur bands. On 2 meters, the previ record, using tropospheric ducting, was 1468 miles set 1968. On November 5, 1994, WB4MJE at the southern ti the Florida Keys worked VE1KG in Halifax, Nova Scotia, f distance of 1687 miles. On November 12, 1994, WB5LU Allen, Texas, worked W9ZIH in Malta, Illinois on 5760 MHz a distance of 738 miles. The previous record on 5760 614 miles.

Two more astronauts have qualified for Amateur Ra licenses - Mission Specialist Wendy Lawrence, KC5KII, Payload Specialist Sam Durrance, N3TQA. Both scheduled to fly on STS-67 in late February or early March.

VE TESTING

The Maple Valley Wireless Society will conduct an License examination the Third Tuesday of each mon and shall begin 7pm, promptly at the Auburn Fire Stat located at 1101 "D" Street NE, Auburn WA
Should you like more information on how you mi participate, call **Bill, W7GBC**, 584-1086, or **Ral** **KA7FIG**, 582-5841.

Walk-ins are always welcome.

From The President

A very special thanks to all of you who made 1994 suc truly great year for our club. We are the best because of y efforts. We are the best because you are the best.
Jim K7YLM

RACES ARES

de Shirley N7QHW

Pierce County ARES ontinues to move forward as we speak. On November 30, 994 the organization met for the first time as an official orporate organization. They held their first election of ficers. Elected that evening were the officers for the group ho will lead it through its first year of existence as a orporate organization. The persons elected that evening ere:

CHAIRMAN	Paul Robertson, N7WGU
VICE-CHAIRMAN	Scott Geisert, N7XTI
SECRETARY	Shirley Murphy, N7QHW
TREASURER	Jan Paterson, N7QHU
MGT MEMBER	Irv Ostrich, WB7VQH

Also on the board are Tom Stanley, KB7VOO, RACES adio Officer and David Brinkmann, N7UNN, ARES mergency Coordinator.

By the time you read this, we will have already had our st Board meeting and so hopefully next month, I will be able share with you the goals and direction of the organization.

The main activities of ARES and RACES right now are arches that occur but overall it is relatively quiet. We would e to continue to remind everyone of the event which will ke place during Earthquake Awareness week in April. The ent will take place over two days and will be a simulated rthquake. Lots of volunteers will be needed and especially ose of you who are available during the week during the day nce that is when the exercise will take place.

It is also important for everyone to be sure and check the piration date on their DEM cards and fill out a new plication form if your card has expired. Forms will be ailable at RCT meetings from yours truly.

Remember there is a weekly Emergency Communication rvices Net that occurs at 7:00 PM each Tuesday on the C7AAO 145.370 MHz repeater.

there are questions, please feel free to contact myself, hirley, N7QHW, at 265-3661 or David Brinkmann, N7UNN, mergency Coordinator for Pierce County at 752-9191.

Emergency Preparedness Tip Of The Month

Suggestions And Reminders

Store your kit in a convenient place known to all family embers. Keep a smaller version of the Disaster Supplies Kit the trunk of your car.

Keep items in air tight plastic bags.

Change your stored water supply every three months so it ays fresh.

Rotate your stored food every six months.

Re-think your kit and family needs at least once a year. eplace batteries, update clothes, etc.

Ask your physician or pharmacist about storing escription medications.

A.R.O.W.S.

de Marilyn, KJ7BN

Happy New Year to all of you. We want to announce our new slate of officers for 1995:

Tressie, KC7BAL, President;
JM,KC7DKH, Vice President;
Judy, AJ7R, Secretary;
Marilyn, KJ7BN,Treasurer.

We met at Marilyn's house Saturday, December 17th toformulate some plans for 1995. Our first project is a Food Drive for Valentine's Day. Please help us. Just bring a can of food or non-perishable item to the next three Radio Club meetings, January 11th and 25th and February 8th and receive a complimentary cookie per item donated.

We have many projects we're contemplating for this year, mainly our support of RCT functions. We also plan to repeat our Father's Day Breakfast, which we really enjoyed doing last year.

We would appreciate cookies for future Radio Club meetings. Just contact Judy, AJ7R, and let us know of your desire to help. We are a small, but active, group and would sincerely appreciate your support.

Our next meeting will be Wednesday, January 18, 1995 at the RCT clubhouse at 7:30pm. ALL FEMALES, LICENSED OR NOT, ARE WELCOME! Marilyn, KJ7BN

Autopatch Use

It seems that I forgot to mention a very important aspect of using the autopatch last month in this article so we will try to get this cleared up for autopatch users now. The subject I am referring to is using the autopatch for business purposes. An editorial in the September 1993 QST stated the following "Where repeaters are concerned, the repeater trustees or managers can set tighter standards if they want, but it is no longer an FCC issue." As a result of this statement, the RCT Board of Directors at their November 1993 meeting adopted the following statement for using the autopatch on the 147.28 repeater. **"The RCT Board of Officers and Directors supports and prefers that the autopatch on the 147.28 repeater be available for emergencies and not be used for businesses purposes such as ordering pizza, canceling appointments, etc."**

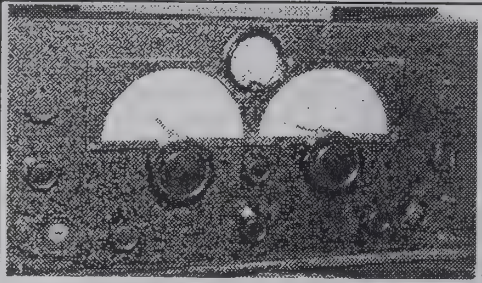
Upon completion of any call, key up and press the # key, followed by your call sign, and the words "clear of the autopatch." 73 **Shirley, N7QHW**

General Class Workshop Offered Now Advanced & Extra Later

A General Class workshop will be held for 4 Thursday evenings beginning January 12th at 6:30 PM. If you're a Technician or Technician Plus and need some help to pass the written General examination, contact Jerry, W7BUN, at 845-7652, to register. The latest version of the ARRL General Class License Manual will be used as the study guide. The workshop will finish February 2nd and testing will be held Monday, February 6th at 6 PM. After passing the written exam, you have one year to pass the 13 WPM code.

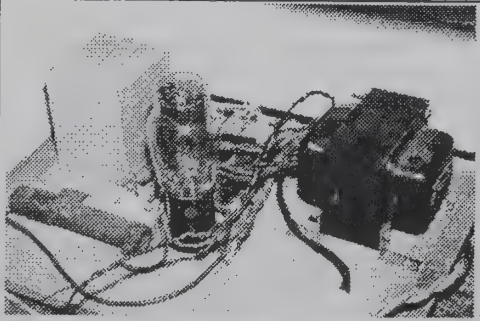
An Advanced class workshop will tentatively start in February, and an Amateur Extra class workshop will start in March.

Real Radios Glow In The Dark

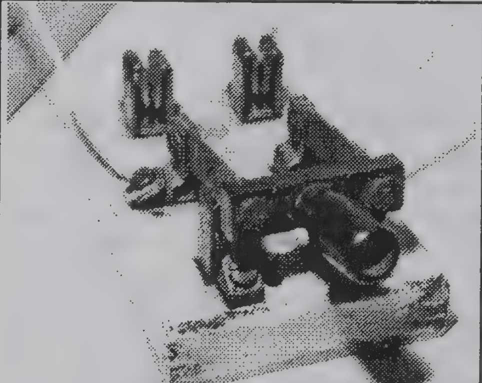


RME Receiver circa 1932

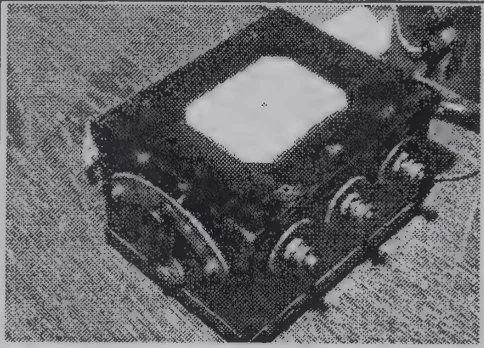
Mac W6NBD making a contact with straight key and 1920s transmitter



The No 80 tube lives again for the transmitter power supply

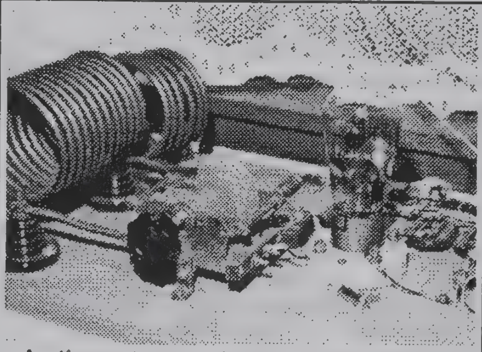


1925 *state-of-the-art* antenna switch, used here on the Zepp antenna

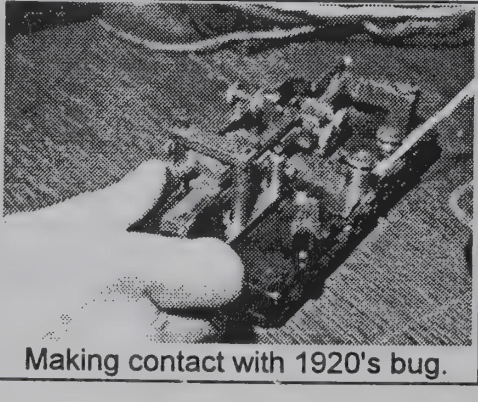


Filament transformer (remember filaments?)

Old-time operator (?) N7EAY



Antique transmitter built on a real breadboard -- note the No 45 tube with ceramic socket



Making contact with 1920's bug.

[Once upon a time, in winters long a the dull red glow of tube filaments w the hallmark of an amateur stat Some of our members rece undertook a project to rekindle that and warm their hands in a m traditional way. N7BC

It was a cold, wet night November '94. The clubhouse W7DK was dark and the heat h been turned down for a few days. partner, Worth, W7WG, and I w about to put a radio station on the that had not been running for over years. For most of the summer a fall we had worked on the little hon brew rig which was really a vinta design. The transmitter used quar inch copper tubing for the tuning c and a number 45 tube for a final. T design of our antenna was from 1927 ARRL handbook -- a Zepp w home-brew open wire feed line. I w so nervous I could hardly fire up rig. I was going to get on the air w a little get-together of the Americ Wireless Association. I was dream of those early days of rigs with ch and drift. Our stations had be crude but the thought of some those great contacts almost made think it was 1930 all over again.

It worked! A few contacts w some super old time operators ma me believe I was moving back time. I couldn't help but think of h great it had been to use a rig just l this to work Doc, W7OS, and Sco K7CYZ, and so many great guys times past. We were on the air ev though we had a few problems w the control of the oscillator. Sure was cold outside but the old ha shack seemed to have a warm glow

The Antique Wireless Station on the air. Come join us and s what early radio was really like.

Mac, W6NB

Remember...

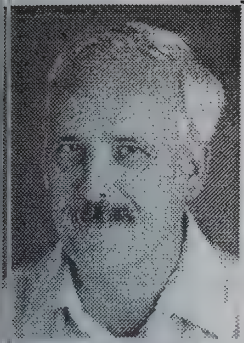
RCT Awards Banquet

Saturday February 25, 199

$15.00 Beef or Chicken

Tickets: 756-5030

Contesting



de David WB7AUJ

Hope that Santa Claus was good to you and brought you all those new radios and accessories that you had written to him about. As we begin the new year, consider how operating in a contest can be one way to work towards some other goal that you may have - WAS, WAC, DXCC. I know that Don, AB7DS, is trying to get WAS (Worked All States) on 160 meters. (Quite a challenge) The ARRL 160 meter contest in December is a good example of a contest that makes sense for Don to work. Bob, N7QOZ is deeply into 10-X and what they call VP numbers. If you listened to the ARRL 10 Meter Contest, besides Lorna, working as KB7UXP, (and doing an excellent job I might add) you heard Bob there asking for 10-X numbers. If you are into the WPX Award Program, and looking for European pre-fixes like CT, CU, DL, EA, IF F, G GF, GI, FJ, GM, GU, GU, I, etc., then the UBA Contest coming up in January would be a good one for you.

LAST MONTH

I was disappointed as usual when it came to ARRL Sweepstakes last month. I was hoping that we would be able to get what is called a "Clean Sweep" which is working all 77 possible multipliers (US States and Canadian Provinces). We did managed 69 out of the possible 77 which considering conditions is nothing to be sneezed at. It would have really helped to have a 40 meter beam. I yelled into the mike tying to work North Dakota until I got hoarse. We did operate without the linear and for a change did not get any RFI complaints.

THIS MONTH

January brings quite an array of contests for all classes of licenses from NOVICE through EXTRA as well as a couple for the ladies. (See next paragraph) There is RTTY, QRP (both long and short), DX, VHF and single band (160 meter) contests available.

I would like to encourage your participation in the ARRL VHF Sweepstakes in particular. This is a contest that we can all participate in even if all you have is a handheld. The contest begins at 1900 UTC (11am PST) Saturday, January 2 and ends at 0400 UTC Monday, January 23 (8pm PST Sunday night). The exchange for this contest is Grid-Square locator. For the Tacoma area, this is CN87. The line to the south is just north of Roy which is CN86.

If Bud, KC7AVT were to make a contact with the RCT station (W7DK), it would go something like this:

RCT CQ CONTEST CQ CONTEST THIS IS W7DK
BUD W7DK KC7AVT
RCT KC7AVT CN87 QSL?
BUD QSL CN87 QSL?
RCT QSL GOOD LUCK QRZ CONTEST W7DK

With the serious contester, in case you haven't noticed, there are few pleasantries exchanged. (If you are trying to work 100 plus contacts per hour, you cut out the frills like thank-you, good-luck, 73, etc.) The lower key operators like RCT will add some of this but don't expect a long winded conversation unless it is really slow and the station calling CQ offers to extend the conversation. Most of all, don't be offended if the operator doesn't want to chat right now.

During the September VHF Contest, we advertised 17.48 as a simplex frequency for contacting club members. (W7DK did get a late start in September. Hopefully it won't happen in January, but if it does, please forgive us.) This time try on the hour/half-hour (i.e., 11, 11:30, 12:00).

Remember - ONCE THIS CONTEST STARTS, YOU CAN NOT SOLICIT CONTACTS VIA REPEATER! Please don't embarrass the club by telling people to give W7DK or anyone else a call on such-and-such a frequency.

Complete rules for the contest are found on page 119 of December QST. The results of last years contest are in the May issue of QST. If you have any questions about them give me a call.

If W7DK is to operate this contest, we again need to borrow a multi-mode rig and antennas. Please let me know if you can loan the club radios for this contest.

I am considering entering the contest in what is called the 'ROVER' category. This is a special class of entry where one or two people move from Grid to Grid and operate for a short period from each location. Maritime mobile could be done also if someone has a boat that could be set up for the week-end. I would be interested in borrowing a multi-mode VHF rig for such an endeavor along with someone to join me. This also means we would need someone to take on the job of operating W7DK.

FOR THE LADIES!

"Meet the Novices and Technicians Day", sponsored by the YLRL, runs from 7am to 9pm Saturday, January 14. Use the Novice/Technician HF sub-bands only (Both CW and phone). For more information, contact Carla Watson, WO6X, 473 Palo Verde Dr, Sunnyval, CA 94086.

"YL-ISSB QSO Party" offers a special category for 'YL-OM' teams. I know that we have a few 'teams' in the club. Here's an opportunity to work together in your hobby. The CW week-end is in January. The Phone week-end is in February. (Jim you need to find the microphone for Judy during the phone contest.. Judy you need to brush up your code for the CW contest.)

JANUARY OPERATING EVENTS

JAN	7-8	ARRL RTTY Contest
JAN	7-8	Michigan QRP Club CW Contest
JAN	7-8	North America QSO Party (CW)
JAN	8	QRP ARCI Winter Fireside Sprint
JAN	14-15	North America QSO Party (Phone)
JAN	14-15	HA-DX Contest (CW)
JAN	14-15	YLRL Meet the Novices and Technicians Day (YL's ONLY)
JAN	21-23	ARRL January VHF Sweepstakes
JAN	21-23	North Dakota QSO Party
JAN	21-23	YL-ISSB QSO Party (CW)
JAN	27-29	CQ World-Wide 160 Meter DX Contest (CW)
JAN	27-29	UBA (Union of Belgium Amateurs) Contest (Phone)
JAN	27-29	REF French Contest (CW)
FEB	18-19	YL-ISSB QSO Party (Phone)

Mike WB7DFQ

Packet Special Meeting

For the month of January only the packet meeting will be on **Tuesday, January 17, 1995 at 7:00 PM.**

This will be a very special meeting with a super program and the formation of plans for 1995 and beyond.
Don't miss this one!!!

Countdown to Flea Market '95

8 months to go

Slivers and Splinters

Judy, AJ7R; Marilyn, KJ7BN; JM, KC7DKH; and Shirley, N7QHW; were seen working on beautification of the clubhouse. Thanks, gang, it really looks great! George, WA7BHH, put a lot of time on the W7DK packet bulletin board after a power surge took it out. We appreciate your efforts, George. Also, thanks to Kirk, W7GCI, for his help and consultation.

Congratulations to Don, AB7DS, on capturing a rare country on the W7DK HF station. Don, exactly where is Togo? Thanks to Bill, N7TEQ, and the group of club members for their assistance in providing security to an Annual Rummage Sale at the Charles Wright Academy. We have swapped their two hundred **Tables** for our **Service.** . Our club will save two thousand dollars on table rent at next August's Flea Market.

Bob, KI7HW, has been seen eating butterscotch candies. He says someone got him hooked. KC7BAE, Scott caught a big salmon on a recent fishing trip. Tell us how you held both ends of the net. Dick, W7RGD, has been seen every Saturday with a gift of donuts for the gang. Thanks, Dick, from all of us.

Al, KD6HXI, and his wife Dolly were seen on the highway heading for their new home in Reno. We are really going miss you. Maybe we can come down and you can show us how to win some money. We could hear bells on December 31st but it couldn't have been Santa. It must have been the wedding bells for Denny, KB7NAG, and his wife Tami. Congratulations from all of us!.

Bud, KC7AVT, was seen setting up a station in his new home. Can we come over to use the station if we promise not to throw peanut shells on the floor?..Dan, N7QWH, throws peanut shells on the floor every Thursday night. He says "I'm trying to quit."..Mike, WB7DFQ, is working on some super plans for packet and digital forms of communication. Karen, KC7ACX, was giving Jim, K7YLM, some help with his computer. He could have fixed it himself but there was no CW paddle on the computer.

Al, KC7DDA, was seen putting in a new heating system in the clubhouse radio room. Thanks, Al, we sure appreciate it. Mark, KC7FAA, is back home and working on packet after a short stay in the hospital. Sure glad you are back on the road to recovery, Mark.

The word is, Bud, KC7AVT, after going broke in the north end trying to furnish his new house, is trying annex Thurston County so his Corvette will pass the emissions test. Al, KF7RV, joined the crew for Saturday Breakfast after a long hiatus from being active in W7DK. Willie, KA7NXK, showed up at a committee meeting after reading the ***Bark.*** *After* too long a vacation from personally attending Club meetings, Willie found that our President welcomes all classes of license and people too.

On a serious note our prayers go out to Joyce Allen, who a triple by-pass the week before Christmas, and the family A N7EAY, son Joey, KB7UXC and daughter Becky.

Thanks For The Thoughts!

de Mark, KC7

On December 6th, I had a brain tumor removed. L did I know what the next few weeks had in store for me. *whole life changed in a flash!* The recovery is going m slower than I had anticipated and days seemed to fade in out. I was beginning to become depressed; not helping recovery!

The gist of this article is to let all of you know that recovery began to turn around with the calls and c coming from my ham friends at the Radio Club of Taco Although, I have only had my license since August, *no* could ever have guessed because of all of the support I h received. During the trying times, ham radio became focus, **NOT** the depression.

It is impossible for me to thank in this article each per for their concern. However, I would I like to extend a spe thanks to **George Abbott**, WA7BHH, and **Jim Kirk** K7YLM. Both men graciously donated the better part of Saturday and came over to the house to get me up running on packet. What a neat mode of communication.

Again, thanks everyone for the support! I hope that e of you had a very Merry Holiday Season and will **Enjo Prosperous New Year!**

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Wanted! Refreshment Coordinator!

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Make new friends, a great way to become active in the clu For more information contact Judy, AJ7R, 927-7825. We nee new coordinator by the January meeting.

Orrin Winton, POB 89, Big Sur, CA 93920 has a gr computer program for Rhombic Antenna design. It conta HF/VHF dimensions and xyz coordinates in meters for input i an analysis program. For a copy send a 720K or 1.44 MB disk SASE mailer and three units of postage (29+23+23).

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Amateur Radio Exams in the Puget Sound Area as of December 26 1994

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, Kirkland - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 10 AM - North Seattle Comm. College, Rm 3343, 9600 College Way N. - Contact Mike Mitchell, W7WHT, 282-1438, Seattle

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, Kent - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

2nd Tuesday - 6:30 PM - Everett - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd Tuesday - 6:30 PM - Burley - Burley Bible Church - Contact David Brooks, N7HTK, 876-1399 (between 9 AM and 3 PM), Belfair

2nd & 4th Thursdays - 7:00 PM - Ft. Lewis Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - Tukwila - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - Auburn - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - Ferndale - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - Renton - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - Sultan - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - Aberdeen - Pearsall Center, 2109 Sumner Ave - next session - September 17 - Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - Stanwood - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - Everett - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - Marysville - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4th Saturday - 9:30 AM - Bremerton - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - Olympia - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

February 6 - Monday - 6 PM - Radio Club of Tacoma Clubhouse and...

March 25 - Saturday - 10 AM - Radio Club of Tacoma Clubhouse, 1249 S. Washington St, Tacoma - Contact Jerry Seligman, W7BUN, 845-7652, Puyallup

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

3rd Thursday - 7 pm - Packet meeting at the clubhouse.

The coefficient of Pi in the fractional equations is binary with respect to dimensional levels. Specifically, the value is always associated with $2^{(n-1)}$. (Now you can sleep at night.)

Dark

For years it has been believed that electric bu
emitted light. However, recent investigation has prov
otherwise. Electric bulbs don't emit light, they su
dark. Thus we call these bulbs dark suckers. The d
sucker theory proves the existence of dark, that d
has mass heavier than that of light, and that dark
faster than light.

The basis of the dark sucker theory is that elec
bulbs suck dark. Take, for example, the dark suckers
the room where you are. There is much less dark ri
next to them than there is elsewhere. The larger
dark sucker, the greater its capacity to suck dark.
example, dark suckers in a parking lot have a m
greater capacity than the ones in your room. As with
things, dark suckers have a limited life. Once they
full of dark they can no longer suck. This can be prov
by the black spot on a full dark sucker. A candle i
primitive dark sucker. A new candle has a white w
You will notice that after the first use the wick tu
black, representing all of the dark that has been suc
into it. Flashlights are portable dark suckers. The bu
in these must be aided by a dark storage unit. W
the dark storage unit is full, it must be replaced bef
the portable dark sucker can operate again.

Dark has mass. When dark goes into a dark suc
friction from this mass generates heat. Thus it is
wise to touch an operating dark sucker. Can
present a special problem, as the dark must travel int
solid wick instead of through glass. This generate
great amount of heat and can be very dangerous
touch. Dark is also heavier than light. If you swim
below the surface of a lake you see a lot of light.
deeper you swim, the darker it gets. Below 50 feet y
be in total darkness. This is because the heavier d
sinks to the bottom of the lake and the lighter light fl
to the top. The immense power of the dark can
utilized to man's advantage. We can collect the d
that has settled to the bottom of lakes and pus
through turbines, which generate electricity and h
push the dark to the ocean where it may be sa
stored. Prior to turbines, it was much more difficul
get the dark from the rivers and lakes to the ocean.
Indians recognized this problem, and tried to solve
When in a canoe on a river traveling in the sa
direction as the flow of dark, they paddled slowly so
not to stop the flow; when they traveled against the f
of dark, they paddled quickly to help push the dark al
the way.

Finally, we must prove that dark is faster than li
Stand in an illuminated room in front of a closed, d
closet. Slowly open the closet door and you will see
light slowly enter the closet, but since the dark is so f
you will not be able to see the dark leave the closet.

In conclusion, we should be aware that dark suc
make all our lives much easier. So the next time
look at an electric light bulb, remember that it is ind
a dark sucker.

Tnx Central Oregon Radio Amateur's Newsle

The aim of learning is not knowledge but action.

Introduction to Packet Radio - Part 15

- by Larry Kenney, WB9LOZ

Here are some tips to help make your packet operating more enjoyable. Whether it's while making local QSOs, checking into a BBS or mailbox, or working DX, there are a few things you should take into consideration that will help eliminate problems and waiting time and will increase your throughput. ("Throughput" is a word that has come into use by packet operators that means the amount of usable packet information received by the distant station.)

When connecting to another station, don't use a digipeater or node unless you have to. Each digipeater you add to the path increases the time required to get your signal to its destination and to get an acknowledgment returned. It also increases the chance for interference and for collisions with other packets. You'll be amazed at the difference in throughput when comparing a direct connect to one with just one digipeater in the path.

The packet node network, as discussed in previous articles in this series, does a great deal to help you get your packets through, but you must remember that throughput there, too, is affected by the number of nodes and the conditions between you and the destination station. The big advantage of the nodes is that the acknowledgments do not have to return all the way from the destination station. Packets are acknowledged from node to node, so that eliminates a large part of the problems encountered. Getting the original packet through, however, remains to be as much of a problem for the nodes as it is for you when using digipeaters. It can take several minutes to get a packet through when you're working a station some distance away.

Dr. Tom Clark, W3IWI, has determined that for EACH HOP in a packet path the loss of packets can vary anywhere from 5% to 50% depending on the amount of traffic. Remember, each digipeater and node adds a hop, so multiply these percentages by the number of hops, then multiply by 2 to account for the acknowledgment, and you can see how quickly the path deteriorates as traffic increases and digipeaters and nodes are added to it.

If you have a choice, use a frequency that doesn't have a lot of other traffic on it. It makes sense that the more stations there are on frequency, the more chances there are for collisions and retries. A path that will work perfectly without a lot of traffic, can become totally useless under heavy traffic conditions. Just one additional station on the frequency can decrease throughput by about half in many cases.

Another consideration, especially if working over a long distance, is atmospheric conditions. You might not have experienced this before on VHF, but with packet's high sensitivity to noise, a slight change in signal strength can mean the difference between getting your packets through or not getting them through. Long paths between nodes are very susceptible to these changing conditions. Most of the time, packets go between the nodes without any problem, but there are times, especially on a hot summer day, when it's impossible to get a packet from one to the other. In the San Francisco Bay Area, the fog has a drastic affect on VHF signals. When a fog bank is moving in off the Pacific, it can act as an excellent reflector. Signals that normally aren't heard or are very weak can reach signal strengths of 40 over S

Multipath is another problem that can greatly affect your packet signal. Multipath is the term used to describe the receipt of multiple signals from one source due to reflections off of buildings, hills or mountains. The "ghost" in a television picture is a form of multipath. A station with a very strong signal into a digipeater or node often cannot use that path if multipath causes the signal to be distorted. Each packet is checked for 100% accuracy and is not acknowledged unless it is. Multipath reflection can cause occasional bits to be lost so you end up with multiple retries and a poor path even with strong signals.

To sum up, for best results on VHF use the least number of digipeaters and nodes as possible, use a frequency with low activity, and be aware of atmospheric conditions and multipath problems. Remember, by decreasing PACLEN and MAXFRAME in your TNC, you improve your chances of getting packets through under poor conditions.

If you use packet on HF, remember to change your transmit baud rate to 300 and to use a short PACLEN (a value of 40 seems to work quite well) and a MAXFRAME of 1. The chances of getting a short packet through the noise and QRM are much better than for a long one.

Introduction to Packet Radio - Part 16

- by Larry Kenney, WB9LOZ

In this part of the series, let's do some reviewing. I'm going to present a short quiz on packet covering the basics that I've presented in the past 15 parts. Let's see how well you can answer the following questions without looking back for the answers. In Part 17 I'll discuss each question and give you the correct answers.

1. What are the three TNC modes of communication?
    a. Connect, Converse, Terminal
    b. Command, Converse, Terminal
    c. Command, Converse, Transparent
    d. Command, Connect, Transparent
2. What TNC command is used to set the transmit path for beacons and CQs?
3. What is the TNC command CHECK used for?
4. While you're connected to another station, what command is used to monitor other traffic on the frequency?
5. If you saw one of the following lines on your screen when in monitor de, what would the asterisk indicate?
    W6ABC-3>N6XYZ,W6PW-1*: Hi Bob
    W6ABC-3>W6PW-1*>N6XYZ: Hi Bob
    (Displays vary with various TNCs, so both common types are shown.)
6. Why does the packet node network improve communications compared to the use of digipeaters?
7. If you're connected to a station in New Mexico using the node network, how do you disconnect?
8. If N6ZYX-2 connected to you via a node, what would the SSID of the station become at your end of the connection?
9. When you're connected to another station, what are the two most probable causes for packets to NOT be received by the other station?
10. There are several basic commands used on a packet bulletin board system. Indicate what you would enter to perform the following:
    a. Receive a list of messages.
    b. Download a file in the General (ID G) directory called FCCEXAMS.92.
    c. Enter a personal message to Jim, WA6DDM, who uses the W6PW BBS in San Francisco, California.
    d. Read message 7134 with complete forwarding headers.
    e. Find out what stations have been heard by the BBS on port B.
11. To send an NTS message via packet addressed to Tom Smith, 123 Main Street, Keene, NH 03431, telephone (603) 555-4321, what would you enter at the BBS prompt?

12. If a message has a STATUS of BF, what does that indicate?
13. If you received a message from a friend in Chicago that had been forwarded to your home BBS through four other BBSs and the message had a Date/Time of 0316/2245 when you listed it, which of the following is a TRUE statement?
    a. The message was written at 2:45 pm on March 16.
    b. The message was entered into the BBS by your friend at 2245 on March 16.
    c. The message was forwarded by your friend's BBS in Chicago at 2245 on March 16.
    d. The message was received at your home BBS at 2245 on March 16.
14. If you wanted to send a message to your friend John, W4IP, but you didn't know what the call of his home BBS was, what could you do to try and find out what the call is?
15. What is the maximum value for MAXFRAME? If you're working a station on 30 meters and are sending a lot of retries, should you increase or decrease MAXFRAME?

Well, how did you think you did? We'll take a look at the answers to these questions and more in part 17.

RADIO CLUB OF TACOMA
MINUTES FOR REGULAR MEETING
NOVEMBER 23, 1994

The meeting of the Radio Club of Tacoma was called to order at 7:35 P.M. by President Jim Kirkreit, K7YLM, with 49 members present. A quorum is not present for conducting official business.

ANNOUNCEMENTS:
8/12/95 RCT Flea Market

NEW CALLS AND UPGRADES: Brian, KA7KUZ, has upgraded to Advanced.

LOGGER CONTACTS: Logger endorsements were available for Jerry, K7ETU(1) and Gary, KB7ZDS(1).

HEALTH AND WELFARE: Ed, KC7BAI, had a kidney stone removed today and will be going home tomorrow.

INTRODUCTION OF 1995 OFFICERS: President, Jim Kirkreit, K7YLM; Vice-President, Bill, W7GBC; Secretary, Judy Kirkreit, AJ7R; Treasurer, Jerry Seligman, W7BUN; Board Members, Shirley Murphy, N7QHW; Brian Spindor, KA7KUZ; John McAllister, W7MSR; and Alan Allen, N7EAY.

HINTS, KINKS, TUNING, TRAFFIC, etc.: Jim, K7YLM, passed out a reprint on "The German Quad".

TREASURER'S REPORT

General Fund Checking	660.10
Repeater Fund Checking	1,494.78
Packet Fund Checking	211.94
Flea Market Checking	525.00
Money Marketsavings	12,189.15
Scholarship Memorial Cd	2,556.63
Cash On Hand	0.00
Total All Accounts	$17,637.60

MEMBERSHIP: 572 members to date.

MINUTES: Previous minutes are available at the front of the room.

HF STATION WORK PARTY: Brian, KA7KUZ, is asking for lots of help to move furniture upstairs in the clubhouse in preparation for the new carpet. He needs help for December 17, 1994 and then to put it all back after the carpet is in place.

CLASSES: Jerry, W7BUN, is sending around a sign up sheet for upgrade classes which would begin in January.

PROGRAM: Ralph, KA7FIG, explained the current process for putting the Bark together as well as providing some historical data about the Bark. It has been in publication for 31 years with Dick, W7RGD, as the publisher and editor for the v
majority of those years. We now use multiple persons
getting it all together so Dick certainly deserves a great
round of applause for doing it by himself for all of those yea
Thanks Ralph for taking the time to put the program toget
for us this evening.

RACES/ARES: Shirley, N7QHW, announced the gene
membership meeting on November 30 where the election
officers will take place. She reminds us again that the mid
of April 1995 is Earthquake Preparedness week and there
be a simulated disaster for practicing. Lots of volunteers
be needed.

LICKEM STICKEM PARTY: Shirley announced that the pa
for November to mail the December Bark will be Wednesd
November 30, 1994 at 10:00 AM at the clubhouse.

XMAS PARTY: Marilyn, KJ7BN, reports there will be
gathering much like last year, only this year will be held at
TACID Building located at 6315 So 19th Street. It will be
potluck with Russell cooking the turkey again. We will
eating at approximately 4:00 PM so come a little earlier
socializing.

BREAKFAST: Marilyn, KJ7BN, reports the fund raisi
breakfast was a great success and she hopes it will be
first of many to come for raising funds for the clubhouse.

AROWS: Marilyn, KJ7BN, announced that the next ARO
meeting is scheduled for Saturday, December 17, 1994
2:00 PM at her house. There will be election of officers at t
meeting.

ANNUAL BANQUET: Brian, KA7KUZ, reports the banq
will be February 25, 1994 at 7:00 PM at the Tacoma Elk's.

PACKET: There will be a Packet meeting on the th
Thursday of each month at 7:30 PM at the clubhou
December's meeting is the 15th.

NEW MEMBERS: A certificate was presented to Yu
Polyashov, KC7ETQ. Certificates were available for Geo
Smith, KL7GRL; Stephen Bowhey, NL7LD; and Clifford Ro
KC7CLV.

ADJOURNED: Meeting adjourned at 9:00 PM.

Respectfully submitt
Shirley Murphy, N7QHW, Secretary R

RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
DECEMBER 7, 1994

The Radio Club of Tacoma Board of Directors meeting w
called to order at 7:30 PM by President Jim Kirkreit, K7YL
There were 8 board members and 12 guests present.
quorum is present for conducting official business.

TREASURER'S REPORT

General Fund Checking	206
Repeater Fund Checking	1,494
Packet Fund Checking	211
Flea Market Checking	525
Money Market Savings	12,189
Scholarship Memorial Cd	2,556
Cash On Hand	266
Total All Accounts	$17,449

MINUTES: The minutes of the November 2, 1994 Bo
meeting were available.

MEMBERSHIP: Members for 1994 is 571.

CHRISTMAS PARTY: The event will be held at the TAC
Building located on South 19th just past Pearl Street towa
the west. Food will be served at 4:00 PM but encourage all
come earlier for some conversation and fellowship.

BATTLESHIP MISSOURI UPDATE: Jim, K7YLM, repo
that North Kitsap Radio Club will probably request some h
for committee but a determination has not yet been finaliz

here are 5 stations planned to be operational. Currently the vent is scheduled for September 1 and 2 but it could possibly e expanded to September 1 through 7. The exact dates and elp that will be needed will be determined and we will find out that time.

LUBHOUSE IMPROVEMENTS: Brian, KA7KUZ, reports e new carpet in the upstairs area will laid on December 19 the work party to move items and the old carpet will be on e 17th of December starting right after the Saturday AM ass. Mac, W7MSR, questioned the removable of the old orkbench. Brian reports a workbench will still be available ut it will be out in the hall. Consideration also needs to be ven to a secure area for the equipment.

NNUAL BANQUET: Brian, KA7KUZ, reports that the nquet will be on February 25, 1995 at the Tacoma Elk's. here will be two gift certificates at two local restaurants for oor prizes. More information to follow on prices for the meal.

EALTH AND WELFARE: Jim, K7YLM, reports that Lana chumacher, W7RHM, is now a silent key.

ARLIAMENTARIAN: Jim, K7YLM, is working on appointing parliamentarian and will announce it as soon as it is final.

MERGENCY PLANNING COORDINATOR: Jim, K7YLM, is so working on this appointment.

ACKET: The packet station is being worked on so the cket conditions will be improved. It is now up and running. ke, WB7DFQ, will look into our Packet being on the Internet d report back.

ISSION STATEMENT: Jim, K7YLM, reports he has written mission statement for the club and will be having a few ople review it. He states we need this so we can apply for ants. Jerry, W7BUN, says he has taught classes on writing ission statements and would be willing to teach a class for e club. Shirley, N7QHW, expressed concern that decisions d plans are being made for the club but they are not done in ard meetings and not discussed by the board but are all ing done by Jim, K7YLM. She feels this is not only possible for one person to take on all of these sponsibilities but not appropriate either. These kinds of eas and decisions need to be agreed upon and supported by e whole board instead of top down decision making which is hat it feels like to her. She also thinks we should be erring back to the Long Range Planning Committee for ormation on a mission statement which may already be ere for the club. Several other members felt the same way.

EMBERSHIP CHAIRMAN: Jim, K7YLM, thanked Alan, EAY, for his work this past year and announced that Bill, 7GBC, as our new Vice-President will be the new chairman 1995. Jerry, W7BUN, reports that Bill was quoted twice in e ARRL Education Activities Department Forum.

OGGER'S BARK: Ralph, KA7FIG, reports he will be out of wn and everyone should modem articles to Judy, AJ7R, or irley, N7QHW. Deadline for this month will December 15.

ORRESPONDENCE: A letter has been received from ARRL questing financial support for printing the "Archie comic ok". Jerry, W7BUN, moved we send ARRL $150 for this oject. Seconded by Mac, W7MSR. MOTION PASSED.

A letter has been received from Kenwood mmunications Corporation inviting us to be a part of a club ailing list. The board would like to do this. Shirley will mplete the application and mail it.

An order blank for special T-shirts has been received m Paul Washa, W0TOK, and it will be posted on the lletin at the clubhouse.

An application for nominating an instructor for ARRL structor Recruiter Awards has been received. Shirley, QHW, will submit a nominee.

Jerry, W7BUN, has received a letter from TEN TEC related to a modification we may need to do. Brian will take the letter and make the determination and do it if needed.

TRAILER LICENSE TABS: Alan, N7EAY, will be the keeper of the trailer license tabs.

PROGRAM CHAIRMAN: Jerry, W7BUN, announced he is formerly resigning as the program chairman for the club meetings. Jim asks the Board to come up with some ideas for a new chairman.

BY-LAWS: Shirley, N7QHW, asks if there are any more suggestions for the By-Law changes since today is the final day for submitting comments or suggestions. None were received at this time. She reports that there have been several comments received and some very good ones. Jim, K7YLM, reports he has selected a five member committee for reviewing the proposed changes and incorporating suggestions from the members that Shirley has been receiving for the past month. Shirley asks if the current committee members have been relieved of their responsibilities and Jim said yes. Shirley also feels that the motion as stated by Dick, WB7CRR, at the October meeting clearly stated that the five member panel were to be totally removed from the group making changes and were to review the final document from the committee. She feels that if this group is indeed a new By-Law committee that the 5 member panel to review a completed document will have to be selected following the new committee's work. To refresh everyone's memory, Shirley read the motion from the October meeting minutes. A lengthy discussion followed related to how the process will be done. It concluded with a motion from Jerry, W7BUN, moving that the original committee review the comments and suggestions and prepare a final document to be presented to the 5 member panel for review. Seconded by Rich, N7ANF. MOTION PASSED.

Jim, K7YLM, announced the members of the 5 member panel that he selected to review the completed By-Laws. They are Willie Bourlet, KA7NXK; Mike Crawford, WB7DFQ; Dan McConnell, AJ7K; Don Murphy, N7AEJ and Marilyn Olson, KJ7BN.

TOWERS: The towers were found not locked together and one lock missing. Brian, KA7KUZ, will get new locks and take care of the problem.

AUTOPATCH: Alan, N7EAY, reminds us that some are using the autopatch for business purposes and we maybe need to put something in the bark reminding everyone.

DONATIONS: Alan, N7EAY, reports that a trailer has been donated by Mark Babcock, N7WGE, and 48th St Tire has donated two new tires for the trailer.

MISCELLANEOUS: Denny, KB7NAG, would like to be able to order more QST binders for the library. ADJOURN: Meeting adjourned at 9:40 PM.

ATTENDANCE

President	Jim K7YLM
Vice-President	Alan N7EAY
Secretary	Shirley N7QHW
Treasurer	Jerry W7BUN
Board members	Mac W7MSR, Kathleen N0EYK, Denny, KB7NAG, Rich, N7ANF

Guests: Judy, AJ7R; Brian, KA7KUZ; Ralph, KA7FIG; Rob, K7TGU; Russell, KB7UXK; Al, KC7DDA; Jonmarie, KC7DKH; Mike, WB7DFQ; George, WA7BHH; Bill, W7GBC; and Steve, NL7LD.

Respectfully submitted by,
Shirley Murphy, N7QHW, Secretary RCT

Renew your ARRL membership through the Club.

RADIO CLUB OF TACOMA
MINUTES FOR REGULAR MEETING
DECEMBER 14, 1994

The meeting of the Radio Club of Tacoma was called to order at 7:40 P.M. by President Jim Kirkreit, K7YLM, with 62 members present. A quorum is present for conducting official business.

NEW MEMBERS: A certificate was available for Chandler Elise, KC7EYZ.

LOGGER CONTACTS: Logger endorsements were available for Jerry, K7ETU(1) and Gary, KB7ZDS(1), Bob, N7QOZ(1), and Cathy, KC7ETY(1).

HEALTH AND WELFARE: Joyce Allen is currently at St. Joseph Hospital following a heart attack and will undergo cardiac catheterization in the morning. Mark, KC7FAA, is now home and recovering. Lana Schumacher, W7RHM, is now a silent key.

HINTS & KINKS, TUNING AND TRAFFIC, etc.: Jim, K7YLM, passed out a reprint on "Build a Space-Efficient Dipole Antenna for 40, 80 and 160 Meters". Jim reported he made a Costa Rica contact on 40 meter CW.

TREASURER'S REPORT

General Fund Checking	610.96
Repeater Fund Checking	1,494.78
Packet Fund Checking	311.94
Flea Market Checking	525.00
Money Market Savings	12,528.88
Scholarship Memorial Cd	2,564.07
Cash On Hand	0.00
Total All Accounts	$18,035.63

MEMBERSHIP: 571 members for 1994.

MINUTES: Previous minutes are available at the front of the room.

PROGRAM: Jerry, W7BUN, ran the video tape of the Summer 1990 Goodwill Radio Sports Championship Team Contest held in Seattle. Looked like lots of fun and goodwill was experienced by all of the participates. Thanks to Jerry for being able to share this video with all of us.

RACES/ARES: Shirley, N7QHW, reports that the first official meeting of the organization occurred on November 30, 1994 and the election of officers for 1995 took place. They are:

Chairman	Paul Robertson, N7WGU
Vice-chairman	Scott Geisert, N7XTI
Secretary	Shirley Murphy, N7QHW
Treasurer	Jan Paterson, N7QHU
Management Member	Irv Ostrich, WB7VQH

There was one short search for an Alzheimer's patient which ended successfully.

LICKEM STICKEM PARTY: Shirley announced that the party for December has not been set yet due to the Holidays but stay tuned for the announcement.

SATURDAY BREAKFAST AT MCCHORD: Jim, K7YLM, reminds us everyone is welcome to come to breakfast at McChord for good food and conversation. Everyone usually is there about 8:00 AM.

PACKET: Mike, WB7DFQ, reminds us of the Packet meeting at the clubhouse tomorrow evening at 7:00 PM. He reminds us that the Packet meeting in January will be Tuesday, January 17, 1995 at 7:00 PM.

HF STATION WORK PARTY: Brian, KA7KUZ, is asking for lots of help to move furniture upstairs in the clubhouse in preparation for the new carpet. He needs help for December 17, 1994 and then to put it all back after the carpet is in place. Brian announced that the club has been given an antenna and tower from the estate of a silent key. He will be looking for volunteers to take it down and bring it to the clubhouse. Also donated is an old style teletype and thinks a RTTY Demodulator would be great with it if anyone has one t would like to donate.

ANNUAL BANQUET: Brian, KA7KUZ, reports the banquet be February 25, 1995 at 7:00 PM at the Tacoma Elk's.

CLASSES: Jerry, W7BUN, is sending around a sign up sh for upgrade classes which would begin in January.

XMAS PARTY: Marilyn, KJ7BN, reports the Xmas Potl was a tremendous success with music and dancing include

AROWS: Marilyn, KJ7BN, announced that the next ARO meeting is scheduled for Saturday, December 17, 1994 2:00 PM at her house. There will be election of officers at t meeting.

Marilyn also announced that the AROWS has awarde scholarship to a recipient at TCC.

CONTESTS: David, WB7AUJ, reminds us that New Ye Eve is straight key night. There are lots of contests com up and will be listed in the Bark. He announced that we ar grid square CN 87.

ICOM TRIP: Ralph, KA7FIG and Jim, K7YLM, are organiz a trip to the ICOM facility in Bellevue for a tour if there interested members. It seems there is a great deal of inte so this will be organized for after the first of the year. Da etc. will be announced when they are finalized.

BATTLESHIP MISSOURI: Jim, K7YLM, has met with N Kitsap Amateur Radio Club regarding our participation in special event. Their person organizing the event will be at next meeting to discuss our involvement at the next meetin

SPECIAL EVENTS: Jim, K7YLM, reports that he would to see the club do more special events and suggests possibility as the anniversary of Mt. St. Helen's eruption having a special station set up for contacts at the site. M on this later he says.

GOODBYES: Al and Dolly Mattice will be leaving the a and moving to Reno. We thank them for all their help in c activities and will miss them a great deal. The club wis them the best.

ADJOURNED: The meeting adjourned at 8:55 PM.

Respectfully submit
Shirley Murphy, N7QHW, Secretary R

20 Years Ago - January 1975

The 1974 Christmas party was a great success with members and guests in attendance. Eleven guests were fr the Northwest Amateur Radio Communications System C in Olympia. The new Club officers for 1975 are: Deatherage, WA7SCN, President; Jerry Seligman, W7B Vice-President; Kathy Freinwald, WA7WMD, Secretary; J Moore, WA7ENB, Treasurer; and Board Members Sc Huntley, K7CYZ, and Olie Beale, WN7YXY. Club memb provided communications for the Christmas House dona pickup. Five truckloads of donations and over $700 w collected.

The FCC proposed a major restructuring of amat licensing and operating privileges. A new no-c Communicator Class would allow FM above 144 M General and Advanced Class would be limited to opera below 29 MHz and Technician Class above 29 MHz. A r Experimenter Class would permit all privileges above 29 M The Extra Class theory test would be eliminated (fortuna this proposal was never passed).

The Army has released the use of call signs beginn with "A" and the Navy has released "B" call signs. The F says these are now available for amateur use.

There are two kinds of class - "FIRST" and "NO

January 1995

W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 #ARVEY-N7YDM *Nw Year's Day*	2 NOV/TECH COURSE Clubhouse 6pm # JOHN -N6FUS #MAC'-W7FAB # DALE -N7TEO	3 147.28 NET 7:30 PM ----------------	4 Board Meeting Club House 7:30 pm. # JULIAN-W7DXI #TRENT' N2OBM	5 # 'TOM'-WV7V # LEE -N7QWG	6	7 PINOCLE/ Potluck Clubhouse 7pm #STEPHEN GORHAM
8	9 #DON'-K7LMN # BRIAN-KA7KUZ	10 147.28 NET 7:30 PM ---------------- # LAURA CALEY # DEANNA-N7WHC	11 W7DK MEETING Library 112 St.E.& WALLER RD. 7:30pm # DON - N7AEJ	12 GENERAL CLASS Begins-Clubhouse-6:30pm. # CLAUD-W7HKB	13	14 # RAY -W7KFN #ED'-KA7HZH # CHUCK-WB7WOU
15	16 *Martin Luther King, Jr.* # PHIL -N7QIC #MIKE'- N7YAJ	17 147.28 NET 7:30 PM ---------------- MVWS VE TESTS #MARV'-KG7V #WILL'-WA9RMK # JOHN -W7ZMZ	18 *AROWS Meeting Clubhouse-7:30pm*	19	20 *LOGGER'S BARK "DEADLINE"*	21 # 'AL'-WA7DUK # JOHN- KC7GBE
22 # UTH- KC7BAR	23 LADY'S PINOCHLE CLUB-HOUSE NOON # JEAN -WA7OII # PRASAD-N7RGL #STAN'-KA7UJX #BOB'- KB7YTH	24 147.28 NET 7:30 PM ----------------	25 W7DK MEETING LIBRARY 112 St.E & WALLER RD. 7:30pm # MIKE- KB7QOP # DON - AB7DS # RANDY-KC7AVA	26	27	28 #BOB' -KI7HW
29 # COTT -KE7LE # LOYD-N7WGK # ATHY-KC7ETY	30	31 147.28 NET 7:30 PM ---------------- #LES' WB7QCI #DON'- KB7SPQ				

December 1994

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

February 1995

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

appy Birthday!

JOIN THE EXCITING WORLD OF HAM RADIO

FREE CLASS

NO-CODE TECHNICIAN
AMATEUR RADIO LICENSE

Starts January, 2 1995 For 11 Weeks
6:00 to 7:30 PM
(Code practice for the Novice license 7:30 to 8:15 PM)
1249 South Washington Street - Tacoma
Sponsored by:
The Radio Club of Tacoma
To Register, call: Bill Shimmin - 584-1086
or Jerry Seligman - 845-7652
Books will be available at the class for $19.00

Dues Dues Dues Dues Dues Dues Dues Dues Dues Dues

Cut along this line, attach this questionnaire to a check and Mail

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RADIO CLUB OF TACOMA 1995 MEMBERSHIP RENEWAL

ae ______________________ Call ____________ Class ____________
rvious Call(s) ______________ New Address or Phone ________________
cupation ______________________ Employer ______________________
r you a member of ARRL ☐ RACES ☐ ARES ☐ MARS ☐ Are you a VE? ☐

interests include: (Please mark at least one response for each activity)
.. I am active in this activity.
. I have been active, but am not now.
. I am not familiar with this activity
4. I wish to learn about this activity.
5. I have no interest in this activity.
6. I am willing to teach others.

____HF SSB
____HF CW
____HF Mobile
____SSTV
____ATV
____Construction
____VHF/UHF SSB
____VHF/UHF CW
____VHF FM Mobile
____UHF FM Mobile
____Antennas
____Traffic
____DX
____Computers
____RTTY
____Facsimile
____Teaching
____Field Day
____Contesting
____Certificates
____Satellites
____VHF/UHF Packet
____HF Packet
____EME (Moonbounce)

er Interests ____

n interested in serving on one or more club committees:
☐ Packet
☐ Flea Market
☐ Field Day
☐ RFI/TVI
☐ Repeater
☐ Training
☐ Antennas
☐ Scholarship
☐ Contest
☐ Museum
☐ Computer
☐ Planning
☐ Emergency Communications
☐ Clubhouse Facilities
☐ Club HF Station
☐ Field Day

er hobbies, expectations, comments ______________________________

Coming Events

JAN 2 - Novice/Technician course begins - 6 PM - Clubhouse Register with Bill Shimmin, W7GBC, 584-108

JAN 4 - Board of Directors meeting - 7:30 PM - Clubhouse - all members are invited.

JAN 7 - Pinochle Potluck 7:00 PM RCT Clubhouse

JAN 11 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM - **Program: "Introduction to Internet**
Mike Crawford, WB7DFQ, will explain Internet and how amateur radio operators can make use of it.

JAN 12 - General Class course begins - Clubhouse 6:30 PM - Register with Jerry Seligman, W7BUN, 845-7652

JAN 17 - PACKET Meeting 7:00 PM - RCT Clubhouse

JAN 18 - AROWS Meeting 7:30 PM - RCT Clubhouse

JAN 23 - Ladies Pinochle at RCT Clubhouse 12:00 Noon

JAN 25 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM - **Program: "The Evergreen Intertie**
A control operator from the BEARS (Boeing Employees Amateur Radio Society) 145.33 MHz repeat
will tell how the Intertie works and how to use it.

FEB 4-5 - ARRL DX Contest - CW

FEB 6 - License Exams - all classes - 6 PM - RCT Clubhouse.

FEB 25 - Saturday - RCT Awards Banquet

MAR 11 - Mike & Key ARC Electronics Show & FleaMarket

AUG 12 - Radio Club of Tacoma - FleaMarket '95

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

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THE LOGGER'S BARK
RADIO CLUB
W7DK
OF TACOMA
SPECIAL SERVICE CLUB

OL. XXXII NR.2 W7DK FEBRUARY 1995

From The President

de Jim K7YLM

Field Day '95 is just a few short months away; June 24th and June 25th to be exact. Oh, I know what you are thinking, "It's only February". Well, you're right, but planning ahead sure will help. N7EAY, Alan Allen, is heading up the event and he needs your help. In years past we have come together to plan and organize the event a few weeks ahead. This is 1995, we are a big radio club, and we must plan early make this event the best ever.

We need an antenna tower director who will be in charge of ll antenna assembly and tower raising. This person will also be charge of beam and quad assembly, tower construction, guy ire location and antenna/tower erection. The director will also eed a crew to help with all operations. This method of operation ill not only expedite station assembly but will assure the safety f all.

In addition, we are looking for a station master. This person ill assist with station set-up, antenna connections and tuning, quipment location and SWR adjustments. We have many new eople operating during field day. It is our goal to give them the et-up help they want and need.

Lastly, we need a person in charge of the paperwork; all uping, logging, data entry and all documentation submission. It ure will help to know that someone will be there to help you with he logging operation. We plan to have a pre-field day training ession in logging and duping.

I know your thoughts; "Why so early". The terrible arthquake in Japan has brought to light the real importance of mergency communications. We could have an emergency in ur area at any time. Our club is and has always been one which as a basic goal of assisting in time of need. By being prepared ve will be in a much better position to help our members and our ommunity when an emergency arises. Director and crew ositions are open now. Come on, gang, give us a hand.

eamwork: Teamwork is the ability to work together oward a common vision. The ability to direct individual ccomplishment toward organized objectives. It is the uel that allows common people to attain uncommon eights.

W7DK Awards Banquet

7:00 PM
Saturday February 25th

RCT Needs You and Yours

Tacoma Elks 1965 S Union

$15.00 Per Person Includes
Tax Gratuity Free Parking

Only Three More Meetings For Tickets
"You May Be The Star"
For Reservations Call A Spindor
"JM, "KC7DKH, or Brian, KA7KUZ
at 756-5030

Application Drive

Wanted Slightly Used Ham
Need Not Have More Than Novice Skills
Electronic Knowledge Not Required
Appliance Operator Preferred
No Skills Required, Just Risk
Lots of Training Available
2nd and 4th Wednesdays
Tuition Annually!

W7DK Food Harvest

Clean Out Your Food Storage Cupboards
February Is Food Harvest Month
All donations may be delivered to any Club meeting
or deposited with an AROWS lady

DOLLARS BUY LARGE AMOUNTS OF FOOD FOR FOOD BANKS.

For Further Information
Call Marilyn, KJ7BN, 845-8346 or Judy AJ7R, 927-7825

Editor's Log Pile

de Ralph KA7FIG

The dichotomy of an idea. Yesterday, February 22, 1995 I attended an organizational meeting of the Tacoma Bridge Unit # 451 of the ACBL. [American Contract Bridge League] Retiring from the 1994, Board was the President, Vice President, Treasurer, leaving only the Secretary and several committee chairmen, 4, and seven new members to organize a Unit about equal in size in numbers with the RCT. The ABCL like the ARRL has national, regional, sectional as well as local agendas just like the RCT. Annually twelve Unit games, two to four Sectionals and one Regional that cater to players from novice to world class, at the same time, handling ten to a hundred times the funds and events from one day to three to nine.

One of the newly elected members who had been President seven or eight years ago, stated matter of factly that nothing has really changed since his last term. "We were still crabbing about the lousy club newsletter, the amount of money in the treasury, and what we can do to better promote the ambitions and playing conditions of the membership?" Does this sound like anything any of you have ever thought or heard before?

Well he thought about his remarks for a few seconds and then went on. "You know, somebody thought that they could write a computer program that could score a whole game. I didn't think it could work so my Board tossed the idea away. Then, come to think about it, some of you new people must of thought about a way to create a better newsletter because it really does look better, comes out on the first of the month and has some really good ideas and information."

"You know, going to a three tier stratified program for all players, which I never thought would work, is really good for the new and less proficient players who were getting their brains beat out by the world class players who were using the locals for cannon fodder. Maybe we should take a better look at the ideas our fellow members are promoting instead of just slamming the door."

The RCT has basically the same budget items every year which represent a basic agenda. Unlike W7DK, which is the oldest continuing Radio Club in the World, Unit #451 is not trying to reinvent the wheel every meeting. Each year in this Committee Chairman's opinion the membership of W7DK is looking for Divine Guidance from a President who has some amateur radio experience but certainly is not divine. Then analyze to death whether any idea is a good one; can meet some kind of budget criteria or has any redeeming value at all. Ideas from where ever need inclusion, not exclusion.

Somehow those regular members who go to meetings and support the Club from a less direct approach think they know what they are doing and like what they see. Although you don't need an Amateur Radio Licence to join W7DK, most persons are licensed. It is my opinion that the great influx of membership has come out of the No-Code program which people like me fought tooth and nail first for Novice Enhancement Privileges in 10 meters and 220 MHz, and continued to turn on the air jets to blast a new fresh concept of the No-Code Technician into a stogy, declining, and lifeless hobby.

Ten years ago when the FCC was looking at the possibility of a VEC licensing program, Dave Barber, K7LHB, and I went to our Section Manager Mary Lewis, W7QGF asked how could we obtain an ARRL Charter. Mary help get The Maple Valley Wireless Society started. Going t FCC in Seattle from almost anywhere in District Sever not only original terror; but demeaning and hateful i passed. Unlike other VE teams which were beginning to up, we threw out the idea of **Failure**. A candidate ma have gotten enough correct answers right to **Pass**, but could never get enough wrong to **Fail**. If a person ne more time to finish or there was enough time to reta different version of the same element we tried to o Eighty percent of those VEs are in RCT.

Ten years ago there was an epidemic of lost pe from children to the elderly, and some heinous crimes being committed against children. Pierce County nee roving band of sanctioned radio operators on motor who could get into action quickly and cover enormous of the community. At that time this type of group wa available to Pierce County or any other place in the worl we created a SAR Unit called MASS which has in it's radio people who can cover most of the radio spectrum mobile or portable. What started out as five bikes in AR now nearly fifty motorcycles with co-riders and amateur What we had for personnel we used, what we needed fo training efficiency we created. For communication skil created classes, taught and licensed.

Those of you with a KC7QWA or newer call only ow people ahead of you that chance you took to risk to joi rather structured hobby. Those of us behind you ar pushing for a more flexible hobby on an earthquake foundation.

So what I am saying is this. If you are new in the h to **participation**, you need a really quick examination o you went to the trouble in the first place. If you have ju into some things but haven't quite accepted the ri branching out, **jack up your butt**. And if you are one of persons already buried to the hilt, **encourage** your **Ham** to come on board. If you haven't got an immedia we will create one. These programs are available to all R

In this issue of the Bark there are opportunities to classes with nationally-known instructors like **Seligman, W7BUN, Bill Shimmin, W7GBC** and disciples **Jim Kirkreit, K7YLM, Alan Allen, N7EAY, S Murphy, N7QHW, Judy Kirkreit, AJ7R,** and a host of o We have **Brian Spindor, KA7KUZ, as Station Manage Mike Crawford, WB7DFQ, Packet Chairman,** and mer experienced at lots of everything like **John McAll W7MSR,** and everyone listed on page two is either a **Board Member or a Chairperson and all are Voluntee**

The President, along with the Board and al appointed Chairpersons, are asking for your involve This Club needs the full cooperation from member from # 1815 right through to the Club's first survivor.

I've been in this Club when there were so non-participating members we didn't have a **quorum** **year**. That is why the Board does most of the business, although, the power in the Club is still in the of the membership on the floor of a regular general me You have the **Club and Government you deserve! work is what it takes, guess who?**

If you bothered to procure an amateur radio license join the Club, **the next big move is yours**. The Presid out in the wilderness asking and looking for you to help his Board, and his Chairpersons develop the goals, idea programs you read in this newsletter every month. TIM

Teamwork: If everyone is moving forward together, success will take care of itself.

RADIO CLUB OF TACOMA
1995

RESIDENT	JIM KIRKREIT	K7YLM	927-7825
PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
ECRETARY	JUDY KIRKREIT	AJ7R	927-7825
REASURER	JERRY SELIGMAN	W7BUN	845-7652
OARD (4)	SHIRLEY MURPHY	N7QHW	265-3661
	JOHN McALLISTER	W7MSR	952-7388
	ALAN ALLEN	N7EAY	475-7413
	BRIAN SPINDOR	KA7KUZ	756-5030
OGGER'S BARK STAFF			
DITOR	RALPH FULLER	KA7FIG	582-5841
EPORTERS	SHIRLEY MURPHY	N7QHW	265-3661
	ROGER NACE	K7AYC	862-8635
	MARILYN OLSON	KJ7BN	845-8346
	DAVID DODD	WB7AUJ	584-3620
	MIKE CRAWFORD	WB7DFQ	531-4789
	BRIAN SPINDOR	KA7KUZ	756-5030
	DICK RYAN	W7RGD	627 0922
	JERRY SELIGMAN	W7BUN	845-7652
HOTOGRAPHERS	TED BURFORD	KC7CAX	752-8479
	BILL BROWN	N7TEQ	582-9439
ROOFREADERS	SALLY CRAWFORD	KB7PKJ	531-4789
	MARIE FULLER	KA7HEG	582-5841
OMPOSITOR	"NICK" OLSON	N7BCV	536-8940
UBLISHER	W7DK PRESS	N7QHW	265-3661

****

CLUB MEETINGS

7:30 pm
Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington treet, Tacoma, Washington. Mailing address for all Club business: Post ffice Box 11188, Tacoma WA 98411. 206 / 759-2040

Regular Membership Fees for FULL Members, except students, amily Members and Senior Citizens is $20.00 per calendar year. Family embers of the same household will pay $4.00 per calendar year. Full ne students, up to and including seniors in college, ½ the fee for Full embership ($10.00). Membership fee for Senior Citizens (65 and over) $16.00 per calendar year. Lifetime membership: 20-times the ppropriate annual fee. Mail all articles and advertising to Ralph Fuller, A7FIG, 8208 Southway SW. Tacoma, WA. 98498. Subscription rate r Non-members $7.00 per year (12 issues). Commercial Advertising er issue: $60.00 full page, $30 per one-half page, $15.00 per quarter age, Business Cards $5.00. Advertising moneys help offset the costs of ublication and mailing. Swap and Wanted Column articles are free to .C.T. members. ***The Logger's Bark*** does not verify or guarantee atements in the Swap or Wanted columns. Permission is granted to se any or all portions of articles published in ***The Logger's Bark*** if credit e is included in the report.

***THE LOGGER'S BARK*, OFFICIAL PUBLICATION OF THE ADIO CLUB OF TACOMA, IS PUBLISHED MONTHLY BY W7DK RESS, PO BOX 11188 TACOMA, WA 98411. THE PUBLICATION IS AILED FROM TACOMA, WA, 98411 UNDER 3rd CLASS BULK, ON-PROFIT ORGANIZATION, US. POSTAGE PAID TACOMA, WA. ERMIT #1078.**

POSTMASTER SEND ADDRESS CHANGE TO ***THE LOGGER'S ARK***, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by w, and all proceeds will be used exclusively for charitable and ducational purposes.

If you know anyone in the club who could use a word of cheer, ongratulations or condolences, please call Ethel Devish 752-3216 or Eva nderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook NYONE.

W7DK/ Radio Club of Tacoma

47.88 / .28 MHz 144.97 - Packet
47.98 / .38 Mhz (pl 103.5) 441.00 - Packet
224.52 MHz

New Members - as of February 23, 1995

Jerry A. Nelson, KC7DRE RCT# 1794
17021 Spanaway Ln. E.
Spanaway, WA 98387-7899

Peter Thorsen, Call Pending RCT# 1795
12856 72nd Ave.
Seattle, WA 98178 228-7592

Brian Lee, KC7FAE RCT# 1796
4213 Harbor Ridge Rd. Ne
Tacoma, WA 98422 952-3812

Peggy A. Thompson, KC7GZT RCT# 1797
3919 S. Tyler #3
Tacoma, WA 98409 968-1753 (Work)

Frederick Richardson, KC7HFO RCT# 1798
Chris Richardson, Call Pending RCT#1799
18734 Se 282nd St.
Kent, WA 98042 630-5221

Jackie Harris, KC7CBN RCT# 1800
POB 721
Sumner, WA 98390 305-9730

Glenda Treloar RCT# 1801
1722 5th St. Sw
Puyallup, WA 98371 840-3497

Scott Moller, KC7HII RCT# 1802
9825 Moller Dr. Nw
Gig Harbor, WA 98332 858-8752

Floyd Rollins, KC7EEZ RCT# 1803
Dustin Rollins, KC7EFA RCT#1804
2508 S. 96th
Tacoma, WA 98444-1723 582-0660

Katrina Holwege, KC7GQB RCT#1805
8120 199th Ave. Ct. E.
Bonney Lake, WA 98390 862-8905

Bill Watson, KB7QDJ RCT#1806
5124 N. 48th St.
Tacoma, WA 98407 759-1997

Daniel Nelson RCT# 1807
1002 E. 62nd St.
Tacoma, WA 98404 475-6149

Morel D. Guyot, KC7FCI RCT#1808
31228 36th Ave. Sw
Federal Way, WA 98023 838-5433

Arnold Couch RCT# 1809
10908 Deepwood Dr. Sw
Tacoma, WA 98498 588-7475

Tom Sanders, W6QJI RCT# 1810
3118 Rustlewood Ln. Se
Port Orchard, WA 98366 876-1399

LJ Hirn, N7CJY RCT#1811
2408 Oak Dr.
Steilacoom, WA 98388 588-1231

Nancy Horbul, KC7EBG RCT#1812
14018 110th Ave. E.
Puyallup, WA 98374 845-2545

John Black, KC7FBE RCT# 1813
24818 160th Ave. Ct. E.
Graham, WA 98338 893-5488

Werner Lennartz, Call Pending RCT#1814
3208 53rd Ave. NE
Tacoma, WA 98422-2925 927-7841

Wayne Olson, KB7QMN RCT# 1815
POB 1301
North Bend, WA 98045 831-5278

Reinstated Member:

Gary M. Brandt, KB7YIR
P.O.Box 1536
Graham, WA 98338 893-5526

(cont'd on page 8)

News from ARRL and Westlink Report

de Jerry, W7BUN

After 13 years and 330 issues, the Westlink Report ceased publication with its January 1, 1995, issue. Westlink Report began as HR (Ham Radio) Report in January 1974, published by Ham Radio Magazine (now also defunct). After 357 issues, HR Report became Westlink Report written and published by Burt Hicks, WB6MQV. Hicks invested much of his own funds in Westlink Report, which was on several occasions kept afloat by anonymous financial support from readers. Remaining subscriptions will be fulfilled by Worldradio.

W1YG, in Lyme, Connecticut, won a three-year battle when a federal court judge gave the go-ahead for his 78-foot tower. The judge cited FCC's PRB-1 in his decision, and said, I think federal law is on the side of ham operators in this case."

The FCC authorization act that would have converted an annual regulatory fee for amateur radio so-called "vanity call signs" to a onetime application fee failed to pass in the last session of Congress. The FCC is now expected to introduce a vanity call sign program with a $70 fee, renewable every 10 years.

Two former volunteer examiners in southern California have surrendered their amateur station and operator licenses in an examination fraud case, and a third has agreed to a settlement. Extra Class licensees N6WPQ and N6WPR of Santa Monica were charged by the FCC with signing VE certificates for persons who did not actually take exams. The third volunteer, AA6TC of Wilmington, agreed to a one-year suspension of his operator license and a "voluntary contribution" of $500 to the US Treasury. AA6TC agreed to cooperate fully with the FCC's investigators.

The new ARRL SourceBook for the Disabled describes sources for those helping the disabled both with licensing and operating needs, and was funded by The ARRL Foundation.

On December 26 the Russian RS-15 satellite was launched. RS-15 joins RS-10 as one of only two active Amateur Radio satellites to include Mode A capability (uplink on the 2-meter band, downlink on 10 meters). The transponder frequencies are as follows: Uplink: 145.858 to 145.898 MHz; Downlink: 29.354 to 29.394 MHz; CW Beacon 1: 29,352.5 kHz; CW Beacon 2: 29,398.7 kHz. Modes are CW and SSB only. W1AW transmits RS-15 Keplerian elements. Signal reports and comments are invited, to RS3A, P.O. Box 59, Moscow 105122, Russia.

Those passing their amateur exams are now getting their licenses from the FCC in less than three weeks, and can expect to see a one-week processing period soon. The ARRL VEC is sending application data to the FCC by e-mail after a 1 to 2 day processing time. The FCC will soon have a 2 to 3 day processing time. Applicants can call the FCC at 800-322-1117 to determine whether their license has been granted. If the license has been granted, the applicant can immediately begin using the new privileges with their FCC-issued call sign.

On February 19, 1919, when Howard Reichert was president of the Radio Club of Tacoma, Mr. Knowl made a motion which passed unanimously fining all members twenty-five cents for refusing to act on any committees.

Countdown to Flea Market

7 months to go

RCT Flea Market.

The countdown continues to the RCT Flea Market - seven months left. On Jan. 14, 1995 I received a letter Charles Wright Academy confirming Aug. 12, 1995 for our market location. At this time I need some help from the members to get things rolling.

First I need some signs made that can be put up alon road showing the way. These need to be about three feet sc made of wood with RCT Flea Market painted on them. If have any material such as paint or lumber to donate or tin make the signs it will be appreciated.

I would like to have someone as a **Public Relat Chairman**. The duties will include contacting the newspa radio and TV stations plus helping distribute flyers. The bu time will be July and August. I need someone who is out and reliable.

I will also take this time to thank the **MASS Unit** and members who helped at the **Wright Stuff Flea Market**. Bec of their work we will be able to use their tables, saving us renting tables this year.

Let's work together to make this year's Flea Market a one. If you have any suggestions, please let me know. always open to ways of making it better. If you can help or suggestions please call me at 840-4947 at home or by pag 596-7472. Thank you. **Alan Hughes, KB7SVU**.

Advanced Class Workshop Offered

An Advanced Class workshop will be held for 4 Thur evenings beginning March 2nd at 6:30 PM. If you General or have passed the General exam, and need help to pass the written Advanced examination, contact W7BUN, at 845-7652, to register. The ARRL Advanced License Manual will be used as the study guide. workshop will finish March 23rd and testing will be Saturday, March 25th at 10 AM.

Address Changes

If you change your address, don't forget to notify the immediately. The Post Office will not forward your Log Bark, but instead returns it with $.50 postage due. members who notify the Post Office that they wil "temporarily away" will have their Bark returned to the Each month as many as 6 to 10 Barks are returned; men don't get their Barks and the club loses about $50 a year. Dick, W7RGD, 627-0922, or Jerry, W7BUN, 845-765 report any changes in address, phone number, or call Thank you!

RACES ARES

de Shirley N7QHW

The beginning of the New Year brings a fresh start to activities for RACES/ARES.

January, included support for he Third Annual Martin Luther King Marathon, 5K walk and K run. It was a busy day for all those who helped. A great ig **THANK YOU** to all of you gave up your whole day to upport this event for the community.

Meetings have also started with planning underway for e simulated **Earthquake Exercise** which is occurring on pril 26 and 27, 1995. The exercise will take place over a two ay period around the clock. The name of the Exercise is OUNDSHAKE 95--30 Years Later. This exercise will involve everal counties around the state. Players for the exercise are Vhatcom, Skagit, Snohomish, SW Snohomish, King, Seattle, ellevue, Kirkland, Pierce, Puyallup, Thurston, Oly-Lacey-umwater, Mason, Kitsap and its four cities. Jefferson will lay a functional only.

Staffing needs for Pierce County include Puyallup EOC, acoma EOC, Gig Harbor EOC, 5 shelters around the clock, 5 other shelters will be covered by 3 roving teams but not round the clock, Sheriff's precinct at Lakewood, East recinct, Mountain Detachment (Eatonville), Valley etachment (Bonney Lake), and Pensula (Purdy), at least two ospitals, and Fire Communication Zones East, West and entral. As you can see there will be lots of needs for mateur radio operators to help staff these areas. We are sking you to consider now if you might be able to help out nd let us know as early as possible. It is during the week so hose of you who are able to take time off of work and would ke to do that, please plan for it now.

If you are able to help, you may contact David rinkmann, N7UNN, at 752-9191 or Shirley Murphy, N7QHW, t 265-3661. If you know your Zone Manager or District oordinator, you may also let them know. Tune into the ierce County Emergency Communications Service Net each uesday at 7:00 PM on 145.37 MHz for continued updates on formation.

If you are not currently a member of PCECS, contact hirley Murphy, N7QHW, for an application.

EMERGENCY PREPAREDNESS INFORMATION

Shelf Life Of Foods For Storage

se within six months:

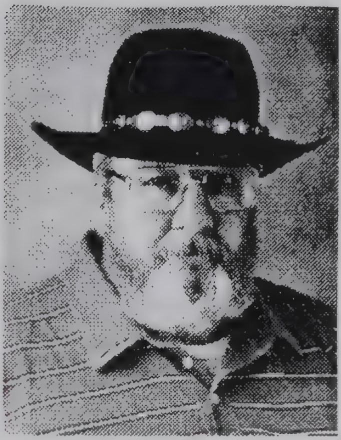
owdered milk(boxed), Dried fruit (in metal container), ry, crisp crackers(in metal container), Potatoes.

se within one year:

anned condensed meat and vegetable soups, Canned fruits, uit juices and vegetables, Ready-to-eat cereals and ncooked instant cereals (in metal containers), Peanut butter, elly, Hard candy, chocolate bars and canned nuts.

lay be stored indefinitely (in proper containers and onditions)

Vheat, Vegetable oils, Corn, Dry pasta, Soybeans, Instant offee, tea, and cocoa, Vitamin C, Salt, Non-carbonated soft rinks, White rice, Powdered milk (in nitrogen- packed cans), ouillon products, Baking Powder.



Russell Foster KB7UXK

Who is his guy? Grizzly Adam's double? Chef Boyardee? For the past year from any corner of the Club comes the same out pouring of praise. You ought to feature Russell Foster, KB7UXK, as an example to the rest of the membership as man for all seasons.

Through the hobby of Ham Radio, Russell jumped into the Logger's Contest with both mind and body. He is a rising Star.

The following is my view of Russell Foster and what he has done for the Radio Club of Tacoma. Russell has worked at the last two Flea Markets helping set up and take down. Ask and you shall receive all of the energy Russell can put into an event, whether its is looking in on ill or injured members offing what ever he has. [Alan, N7EAY]

He has cooked for the Mothers Day and Fathers Day breakfasts. He has cooked for our antenna training sessions. He has cooked for the last 2 years at our Christmas Parties. He cooked at last years Field Day breakfast. [Marilyn ,KJ7BN]

He has worked the packet station at the 1994 field day, connecting during the contest with the MIR Soviet Space Station. He works the Mir and Space shuttle packet stations, and has received QSL cards from them. Some members thought Russell's last name was Packet. He has devoted his skills to anyone at any level to get their Packet Station on the air and goes the extra mile to help those persons to get started personaly or arranges help from other sources. [Jim, K7YLM]

Russell has also visited many club members that were hospitalized either by injury or illness, and he can't get to the hospital fast enough, a get well card is in the mail or a word of cheer comes over the Radio. [Ralph, KA7FIG]

And he is very modest and quiet about what he does for our club and members. He does a lot, but never expects a thanks. He is a real asset to the Club. [Every body else]

The following is information from Russell's card given to me by Dick, W7RGD. Name: Foster, Russell S. Call: #KB7UXK Membership #1568 Address: 4060 S. Fawcett Ave. Tacoma, WA 98408 Phone: 473-6614 D.O.B. January 11, 1941 Occupation: Medical Supply Tech. - (Dept. of Army) Joined RCT March 1993.

If you are ever looking for that 10% who does 90% of the volunteer work in W7DK, follow Russell a day or two.

A.R.O.W.S.

de Judy, AJ7R

Hello from the AROWS group!

The ladies met at the clubhouse Wednesday, January 18 at 7:30 P.M. We discussed the food drive under way now until the February 8, 1995 RCT meeting. The food will go to the food bank. We really would appreciate your support.

Alan Hughes, Chairman of the RCT 1995 Flea Market, asked if the ladies would again like to manage the food. We accepted. The AROWS group will also have a raffle. We have been asked by Alan, N7EAY, to manage the food at the RCT Field Day. We accepted.

In addition the ladies discussed some "fun" activities in our future such as a bowling party, dinner meeting, nature walk, trip to NW Trek, among other things.

Again, we encourage all females, licensed or not, to join us in our activities. We really do have a good time! We're looking forward to meeting you!

Amateur Radio Exams in the Puget Sound Area as of December 26 1994

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, Kirkland - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 10 AM - North Seattle Comm. College, Rm 3343, 9600 College Way N. - Contact Mike Mitchell, W7WHT, 282-1438, Seattle

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, Kent - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

2nd Tuesday - 6:30 PM - Everett - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd Tuesday - 6:30 PM - Burley - Burley Bible Church - Contact David Brooks, N7HTK, 876-1399 (between 9 AM and 3 PM), Belfair

2nd & 4th Thursdays - 7:00 PM - Ft. Lewis Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - Tukwila - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - Auburn - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - Ferndale - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - Renton - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - Sultan - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - Aberdeen - Pearsall Center, 2109 Sumner Ave - next session - September 17 - Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - Stanwood - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - Everett - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - Marysville - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4th Saturday - 9:30 AM - Bremerton - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - Olympia - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

February 6 - Monday - 6 PM - Radio Club of Tacoma Clubhouse and...

March 25 - Saturday - 10 AM - Radio Club of Tacoma Clubhouse, 1249 S. Washington St, Tacoma - Contact Jerry Seligman, W7BUN, 845-7652, Puyallup

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

3rd Thursday - 7 pm - Packet meeting at the clubhouse.

June 30, 1946 Gene Dodge joins the Radio Club of Tacoma. He holds Class A and 2nd phone licenses. His sponsor is Max Bice, W7AEA, who joined the club on Jan. 24, 1941. Sure has been great to have you both as members for so long.

W7DK HF Station

de Brian KA7

I am proud to say that
carpet in the upstairs of the
house is complete. After a l
work by dedicated club mem
the upstairs was prepared
painting, removing the old ca
and moving radios and equip
downstairs. On December 2
Cartozian and Sons showed
bright and early and set abou
task of getting carpet laid in
upstairs. By 2 pm the carpet
laid and we set about the tas
getting the equipment upstairs. By 8 pm that night we ha
the equipment back upstairs and the HF station was bac
the air. I would like to be able to thank all the individuals
personally but their names should also appear in the mi
for the January board meeting. In order to save some s
in this newsletter I refer you to those minutes. I sinc
hope that I have not forgotten anyone who was involv
this project. If I have please forgive me, your efforts
been well appreciated.. Although others may tell
differently, I believe the HF station is picking up just a
more DX signals and the audio is just a little bit strong
the other end. All of this just with the addition of a new c
in the station. Come on up and have a look at the sta
think you'll all like the change.

On January 21st, myself, Mike KB7QOP, R
KC7AVA, Mac W7MSR, Alan KB7SVU, Judy AJ7R, and
K7YLM obtained an antenna and a tower from a silen
estate for the club. The plans are to use the tower to e
WARC band beam antenna off the end of the garage a
clubhouse. The tower is of a crank up type and
antennas could be added for contests as needed. (This
work nicely for the addition of UHF/VHF antenna
UHF/VHF contests!). The tower is in need of some re
will be needing someone with access to a sand blas
clean the rust off the tower and to prime and paint the t
Once this is done the tower and the new antennas ca
erected. If you have access to this type of equipment an
looking for a project you can do for the club please se
Your efforts will be greatly appreciated.

Shortly after getting the HF station back on the air once th
carpet was down, I made several DX contacts. The most pro
had to be my contact with WB7DHC in Issaquah. Although m
you may be wondering why this would be most prominent
because it was via the RS 12 Satellite. This contact was
followed by contact to Whitehorse, Yukon Territory, Boise, Idah
Winnepeg, Manitoba via the same satellite. I also made a con
Norway, Paraguay, and South Korea. The bands are open, a
have to do is come up and give the station a try.

What's coming for the HF station? I talked to many me
and heard many of your ideas and I'll be directing my eff
getting these things for the station. I'll be working to getting
band antennas, HF packet and RTTY, and satellite capabilities.
your eyes on the HF station this year there are big things on the

I'm still looking for interest in opening the club station for
two nights a month for all members to use the station or just a
gathering at the club house. This could possibly be a Frida
and a Wednesday night. Let me know if you are interested, I
heard any interest yet!

Remember, the radio station is available for everyone
Regardless of your class of license you can use the radio stat
you want to work outside your license limits there is always a
operator present. Come on up to the station and join th
There's always a contest going on or someone who wants
chew. **73**

Packet Radio

de Mike WB7DFQ

Although the concept of a packet station is a simple one there are still many things that may go wrong, especially if you are setting up one for the first time.. If you don't establish and follow a good plan to troubleshoot any problems that you may encounter, you can waste a lot f time and cause yourself quite a bit of frustration. Most of he time a packet station consists of the following parts: A omputer, the terminal control software that runs on the omputer, the cable that connects the computer to the TNC, he TNC hardware, the TNC operating parameters, the cable om the TNC to the radio, and the radio. That represents nly seven parts but if we assume that each part can either ork correctly or not work correctly then there are 128 ossible combinations that can exist. There are 127 ombinations where one or more parts fail and therefore the ntire system doesn't work, leaving only one combination here everything is correct. Makes you wonder how we ever et one of these things to work!

I don't have space here to lay out a step by step plan for ll combinations of components that you might encounter but he basic rule is to always work from the components that are orking toward the components whose status is unknown. ocus on one part until you get it to work and then move on to he next. Don't go back and change anything on the ones that ou have working until you get the entire system working.

It is best if you begin at the computer and work toward he radio. I recommend starting out in DOS with a simple rminal control program such as PROCOMM or a simple hone modem program rather than a host mode program uch as PAKRATT that tends to add an additional level of omplexity. If you have a modem that you use to ommunicate with a phone BBS use the same terminal ontrol program, comm port, and cable with your TNC. This ay you know that the computer, software, and cable are orking. If you don't have a phone modem you can use the llowing technique along with your own TNC and cable lthough it does make the process somewhat more complex.

Start out by studying your TNC users manual as it is your est friend. Determine how to do a hardware reset on the NC. This will normally require that you remove the TNC over and momentarily remove and replace the battery or a mper. Once you have completed the reset, connect the TNC the comm port you wish to use on your computer. Don't ower the TNC up at this time. Start the terminal control rogram and set the communications parameters to the efault parameters shown in the TNC user's manual for omputer to TNC communications. Don't forget to select the omm port to which you have connected the TNC. Now turn he TNC on. You should now either see the initialization essage from the TNC or a message that announces an utomatic baud rate selection process and gives you rections as to what to do next. If you have received either of he above messages the computer, software, cable to the NC, and the TNC are working. If you don't get some kind of essage from the TNC it is time to begin troubleshooting.

The quickest way to identify the problem is to borrow an entical TNC and cable, which are both known to work. Hook hese up and try the test again. If you get a message this me the problem is with your TNC or cable, replace the orrowed TNC with your own and try again. If it works the roblem is with your cable and if it doesn't work it is your NC. If on the other hand, when you try the borrowed TNC and cable you still don't receive a message from the TNC the problem is with the computer or the software. If this is the case you may need to bring in some outside help, especially if you are unsure about computers and software in general. A real slick way to do all of this is to bundle up your packet station and take it to a friend who has a working station or bring it to a packet committee meeting. That way you can replace the known working parts with the unknown ones from your own setup until you identify the problem. Next month we will cover troubleshooting the TNC. Don't forget the packet committee meeting at 7:00 p.m. on February 16, 1994. Bring your equipment and we will get it working! 73

Code With Character

de Mike KB7QOP

Throw away those code tapes! Next month Jim, K7YLM, and I will be starting code practice sessions twice a week. For those of you who have never taken the time to break the 13 WPM barrier, or who have been put off by the generic and formal sound of normal code practice, then these sessions are for you! Here's how it will work:

On Tuesday and Thursday nights, between 6:30 -7:15 PM, we will be holding informal conversations geared towards increasing your speed, understanding and competence with Morse Code. We will begin on Tuesday, February 7, 1995 and it will continue for 2 months. Tuesday nights we will work towards 13 WPM, while on Thursdays our focus will be for those of you who wish to attain the (only slightly) higher speed of 20 WPM.

These sessions will be on 10 meters, at 28.339 MHz, and will be simultaneously transmitted on 147.47 MHz Simplex.. Make plans now to have time to tune in! This is going to be a fun and exciting way to increase your code speed. Why? The bottom line is this: this isn't your fathers code practice session. I'm just as capable of being put to sleep by computer generated text out of QST, or random five-letter groups, as the next person. This is going to be code with character, a warm friendly chat session with one goal in mind: increasing your ability to enjoy Morse code. Jim and I are going to demonstrate CW as it really is, in all of its magnificent glory.

Be ready for the full range of Q-signals, abbreviations and other details that make Morse code the exciting and practical language that it is. Stir in the inevitable misspellings and sending errors that flavor any CW conversation and you have a combination that will prepare any mere mortal for the fun, exciting world of CW operation. I think that this is what will set our code practice apart and make it stand out: we will be geared towards improving your CW ability, not just increasing your speed.

Now, here is one of the details that is really going to make this fun: after each session we will hold an informal roundtable discussion on both frequencies, using voice. We will discuss the nights session, take questions and comments and in general look for feedback that will allow us to fine tune our presentation. I know that with your input we can ensure that our practice sessions have what you need to be successful at CW. So sit back, get comfortable and tune in! You'll be glad you did.

Advertisers

There is a rate chart found on Page 2 of the *Bark* that pertains to number of ads, 12 or less times the established fee. If for example you had 5 business size cards, your fee is $25. This service to a member's business does help offset the cost of the Bark and we appreciate your support.

Please send your check to: **Loggers Bark Advertising**
PO Box 11188
Tacoma WA 98411-2040

(cont'd from page 2)

Address And Phone Changes:

Dave Shaughnessy, KB7UXV - 531-2247

Mike Boulet, KC7EXI
8217 192nd St. Ct. E.
Spanaway, WA 98387-5020 846-8167

Richard Davis, KC6STO
P.O.Box 6024
Olympia, WA 98502-0024 Phone Unknown

Yuri Polyashov, KC7ETQ
16303 126th Ave. E.
Puyallup, WA 98374-4534 848-6030

Rex Hays, W7NP
33207 16th Ave. S.
Roy, WA 98580 843-1677

James Stout, KB7UXW
24753 Mason St.
Black Diamond, WA 98010-7905

New Call Signs:

Mark Tapper Ex-KB7ZQM - Now KJ7GK
Charlie Larsen - KC7DCY
Doug Payne - KC7HIJ
Bob Griffin Ex-N7IYS - Now KI7UU

Silent Key:

Lois Graham, WB7QME (Ex-Member)

W7DK License Exam

February 6 Beginning at 6 PM
RCT Clubhouse - 1249 S. Washington St.
Call Jerry, W7BUN, 845-7652 for Registration
All Classes of License Available
Walk- Ins Are Always Welcome

Slivers and Splinters

Ray, W7FNC, seen giving some very special equipment to the Antique Museum. Thanks, Ray, it sure is appreciated. Sue, KC7AVS, seen putting together some QSL cards for the Antique Wireless Committee. They will sure be a great addition to the station. Thanks, Sue. Mike KC7QOP, seen putting the final touches on on-the-air code course for general and extra.

Lorna, KB7YTJ, and Bill, N7TEQ, seen working on the liaison and coordination program for the battleship Missouri celebration in September. This could be our biggest and best event ever. Thanks.

Jim, N7DKI, and Ralph, KA7FIG, recovering from a bout with the pneumonia bug. Get well soon, guys. We need you. Brian, KA7KUZ, heard making contact with the Russian Satellite RS-12 and making contact with several U.S. stations. Nice going, Brian. Marion, WV7Z, seen putting her HF station back on the air at her new location. Lots of nice signals now coming from her home in Des Moines, WA.

Randy, KC7AVA, heard telling Jim, K7YLM, how to run Word Perfect programs. Thanks, Randy; it sure helps to have someone who knows what he is doing. John, KC7GBE, seen aboard the USNS Silas Bent. Drop us a line, John, and let us know how you are doing. Mac, W6NBD, heard on 40 mtr. CW. Wow! You send nice code and fast too. Mert, KA7NRA, seen on the W7DK BBS coming from Shelton via Roy. Nice to have you, Mert. Come by often and say "hi".

Courage: To stay the course, sometimes you have to make waves.

20 Years Ago - February 1975

Clay, WA7WMC (now K7CR), and Harry, W7 announced at a club meeting a contest to see who can the most weight by Hamfair-75. Clay weighs in at 170 po and Harry at 200 pounds. A "weigh-in" will be held at club meeting.

The FCC is inviting proposals for changes or revisio international radio regulations in preparation for the World Administrative Radio Conference (WARC). The A is continuing an all-out effort to oppose the creation Citizens Radio Service in a portion of the Amateur 220 band.

The Treasurer announced there were 126 paid mem at the end of 1974. Doc, W7OS, moved to have Log Certificate QSO Parties in February and June. The m passed. Kathy, WA7WMD, reported the Novice course success with more students than can be accommodate motion was approved to buy Joe, W7IG, a pair of 6146 for his rig in appreciation for the use of his farm for Field The Club's annual banquet will be held at the Butcher Baker, the Candlestick Maker Restaurant. The roast dinner will cost $3.55. Jerry, W7BUN, and Rick, K7GGD K7MF, now a silent key) will be starting an Extra-class course. Doc, W7OS, requested that the upstairs rooms i clubhouse be finished, so he can clean out all the an equipment in his basement. A lot of club members heard on Oscar 7 during the recent 10-meter contest. W7RGD, is reported making home brew, and not the type.

KL7BB's "Original Digital"©
All CW Code Practice Tapes

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3-5 WPM	"Beginner" (Novice & Tech VERY SLOW)
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$5.00 each + $1.00 shipping & handling (1st class) = $6.00
Order from: Bill Balzarini - 2525 So. 355th Place
Federal Way, WA 98003 (206) 661-7373
Tacoma line (206) 927-1054

VE TESTING

The Maple Valley Wireless Society will conduct a License examination the Third Tuesday of each m and shall begin 7pm, promptly at the Auburn Fire St located at 1101 "D" Street NE, Auburn WA
Should you like more information on how you participate, call **Bill, W7GBC**, 584-1086, or R **KA7FIG**, 582-5841.

Walk-ins are always welcome.

Opportunity: Opportunity always involves some risk. Y can't steal second base with your foot on first.

Challenges: Any one can steer the boat when the sea is

Attitude: If it is to be, it is up to me.

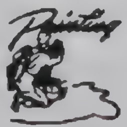
TED'S PHOTOGRAPHY

WEDDINGS & FAMILY
PORTRAITS

BY APPOINTMENT
752-8479

TED - KC7CAX

Telephone
206-472-7049



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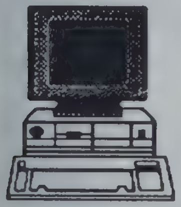

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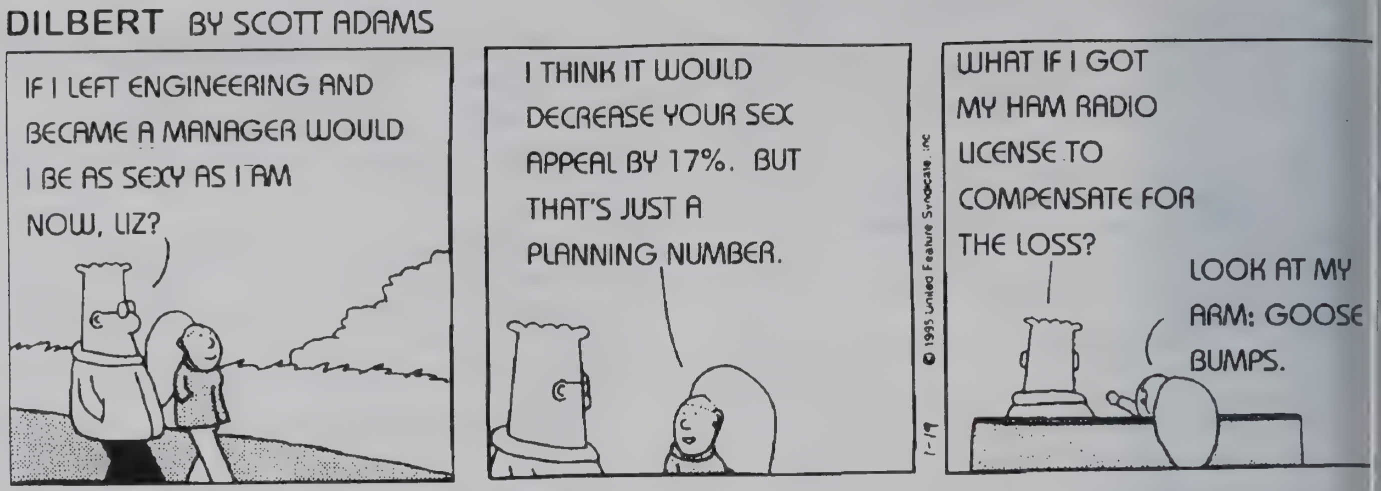
DILBERT BY SCOTT ADAMS
IF I LEFT ENGINEERING AND BECAME A MANAGER WOULD I BE AS SEXY AS I AM NOW, LIZ?
I THINK IT WOULD DECREASE YOUR SEX APPEAL BY 17%. BUT THAT'S JUST A PLANNING NUMBER.
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1-19
WHAT IF I GOT MY HAM RADIO LICENSE TO COMPENSATE FOR THE LOSS?
LOOK AT MY ARM: GOOSE BUMPS.

Hanky-Panky In The Ham Shack

de Jim, KB7TZ

What's going on between all those male and female connectors hiding behind the ham shack gear? I never suspected -- until the other night when I was enjoying a CW QSO with a station in California.

Each time I touched my key, the lights dimmed. That might have been understandable had I been running a kilowatt, but I was only using 100 watts.

Then I took a hard look at my operating position and was horrified by what my ham shack had become: a web of wires and cables, only a few of which I could identify. The tangle was so intricate that even the spiders were getting lost. How could this have happened? I'm a reasonably neat person. Something mysterious is going on.

I plugged in my antique A.C. voltmeter and touched the key (using the dummy load, of course). The voltage dropped to 109, dimming lights confirmed the reading.

That did it! I tore down the station.

Entangled in this snarl I discovered RF cables to long-gone antennas, power cubes with 12-volts on them terminating in nothing, no less than three multi-outlet power strips connected to a single wall socket. Did I create this octopus? Of course not, I told myself. I know better.

Could it be that those male and female connectors were getting together after I went QRT, giving birth to this mess?

Well, this chaotic "family" was about to be broken. I ripped EVERYTHING out, making sure all power was disconnected before I began my "surgery."

First, the old power cubes were unplugged and set aside for possible later use. Next, every connector, every cable, every wire was labelled with masking tape -- at BOTH ends.

Last, all radio equipment was connected to a wall outlet separate from the computer gear; surge protectors installed on both.

With everything re-routed and labeled, all the spiders released, it was time for that old ham radio standby: the "smoke test".

Eyes on the A.C. meter, key down (still on the dummy load) -- nary a flicker, as my granddad would have said -- 116 volts! And I'd freed up one whole A.C. power strip in the process (not to mention a bunch of imprisoned critters).

Now, if I can only keep those male and female connectors from.

73 (© 1995)

"This Packet's For You"

Our next W7DK packet meeting will be on Thursday, February 16, 1995 at 7:00 P.M. If you are just getting started or if you have a few system problems, bring your packet station to the clubhouse and we will help you get it going.

Program Chairman

de Alan, N7

Our Club is getting bigger and better each and every I am taking over an institution that has presented the Programs for thirty years from Jerry, W7BUN. Jerry has a superb job, and trying to fill his shoes may become a effort.

This is where you come in to get involved! Let me what kind of programs YOU want If you have an inter any aspect of amateur radio, please let me know. On s thought bring a program with you. I will be glad to try to programs to Club interest. Let us all do our best in or make our meetings educational and fun. Please feel f call me at 475-7413 or see me at one our meeting. 7 best to all in 1995.

Editor's Note

Due to the severe earthquakes in Kobe and adjacent ar well as the quake in Columbia, the Ring of Fire is getting cl home. I have asked our resident expert Shirley, N7QHW, to re her home preparedness tips. These tips shall appear irregularl special order, although we have numbered each Tip fo convenience.

Emergency Preparedness

by Shirley, N7

STORING WATER: Tip #1

There is new information on how best to store drinking water and then later assuring it is safe to drink suggested that straight water from the tap which is ke closed container such as a 2 liter Coca Cola bottle do need to have any purifier added when it is stored. Wh need to use the water, it should be purified. The onl that should be used to purify the water is ordinary hou bleach which states sodium hypochlorite on the label a perfumes have been added such as lemon scented. T of water purification tablets is not the recommended f purifying water for drinking purposes. To be sure the a is not exceeded, it is recommended that an eyedrop used. After adding the bleach, stir the water and v minutes.

Amount of Water	Amount of Bleach Clear Water	Amount of Bleach Cloudy W
1 quart	2 drops	4 drops
1 gallon	8 drops	16 drops
5 gallons	½ tsp.	1 tsp.

Introduction to Packet Radio - Part 17

- by Larry Kenney, WB9LOZ

How did you do on the review quiz in the previous part of is series? If you haven't taken it, you might want to read art 16 and take the quiz now before reading any further.

Here are the correct answers and the series part numbers here you can read more about the subject: .

- Answer C is correct. The three TNC modes of ommunication are Command, Converse and Transparent. ommand mode is for communicating with the TNC.

Converse mode is for normal QSOs, connects to a BBS r mailbox, etc. And Transparent mode is used for binary file ansfer. (Parts 2, 3 and 14)

- The UNPROTO command is used for setting the transmit ath for both beacons and CQs. (Parts 3 and 13)

- The CHECK command is used for setting a timeout value your TNC. If set to a value other than zero, the TNC will tempt to recover a connection after a certain specified time nothing is received from the her station. This command is used in combination with the X25L2V2 command. (Part 13)

- The MCON command (Monitor while CONnected) is used monitor other traffic on the frequency while you're onnected to another station. (Part 3)

- When monitoring, the asterisk indicates the station that ou actually heard the packet from. The MRPT command ust be ON for the monitor display to show digipeaters. (Part and 3)

- The packet node network improves communications ecause packets are acknowledged between your station to e first node, and then node to node to the destination. A acket doesn't have to reach the destination before an ack is eturned. (Parts 4, 10 and 11).

- When using the node network (no matter who you're onnected to) you disconnect by going to command mode on our TNC and entering a D, just like at other times. The fact at you're using several nodes or are connected to a distant ation makes no difference. The network will take care of sconnecting all stations and links. (Parts 4, 10 and 11)

- N6ZYX-2 would appear as N6ZYX-13 if he connects to you sing a node. The nodes change the SSID using the formula 5-N. (Part 10)

- The two most probable causes for a packet not to get rough are collisions with other packets on the frequency and oise due to weak signals. (Part 15)

0 - BBS commands:

To receive a list of messages: enter L

To download a file in the General (G) directory called CCEXAMS.92, you'd enter DG FCCEXAMS.92 or D ENERAL FCCEXAMS.92 depending on the software at the BS you're using.

To enter a private message to Jim, WA6DDM: SP A6DDM @ W6PW.CA (The "@ W6PW" would not be eeded if you were using the W6PW BBS.)

To read message 7134 with headers: RH 7134

To find out what stations were heard on port B of the BBS, ou'd enter JB (Parts 5, 6, 7 and 8)

1 - If you wanted to send an NTS message to Tom Smith, 23 Main Street, in Keene, NH 03431, you would enter the llowing at the BBS prompt >

T 03431 @ NTSNH (Parts 6 and 12)

2 - A message with a STATUS of BF means that the essage is a bulletin and that it has been forwarded to all tations that are supposed to receive it from the BBS you're sing. (Part 8)

3 - Answer D is correct. The date/time shown on a message hen it's listed is the time the message was received at the BBS you're using. Please note that this date and time is shown in whatever time the BBS your using is set to. It could be local time or zulu time (UTC, GMT). Most BBSs are now set to zulu time, but a few still use local time. When you read a message, you're then able to read the date and time that the message was written from the header. (Part 8)

14-To find the call of the HOME BBS of your friends, use the White Pages Directory. If the BBS you're using has the WP feature enabled, you'll find the I command (or Q command on some systems) to be useful, otherwise send an inquiry to WP. (Part 9)

15-The maximum value for MAXFRAME is 7. MAXFRAME is the number of packets transmitted by your TNC contiguously, and the number of unacknowledged packets the TNC can have outstanding. You decrease MAXFRAME when the conditions are poor. Your TNC will send fewer packets at one time, so there will be less information to collide with other packets on the frequency and less chance of information being wiped out by noise. (Part 14)

There is no passing grade on the quiz. It was designed for you to check your general packet knowledge, and you'll have to be your own judge of that. I hope you did well on it!

Introduction to Packet Radio - Part 18 (FINAL)

- by Larry Kenney, WB9LOZ

In the previous 17 parts of this series, I have attempted to cover all of the basics of packet radio - from setting up your TNC and making your first QSO, to using digipeaters, the packet node network, bulletin board systems and mailboxes. Many of the TNC commands have been explained, including the best settings for normal use, and I've offered some suggestions that should make it easier and more enjoyable for you to use packet radio.

Now that you have the basics, you might want to continue with your study by investigating some of the other facets of packet radio. There are several programs available that we haven't covered yet in this series that you might find interesting. There's the Packet Cluster software used by the DX Spotting Network, TCP-IP with its NET and NOS packages, Tex-Net, Rose, Conference Bridging, etc. PAC-SAT, the packet satelliite program, is now growing in popularity as more satellites carrying packet radio equipment are released.

High speed modems running at speeds of up to 56 kilobaud are just around the corner for general use. What developments will be next?

You'll be seeing addition parts to this series. I plan to investigate the world of TCP/IP next, followed by installments on packet servers, 9600 baud operation, and possibly other areas like PAC-SAT. Watch for them.

I'd like to thank the following for help in preparing this series: Don Simon, NI6A; Bill Choisser, K9AT; Don Fay, K4CEF; Scott Cronk, N7FSP; and Hank Oredson, W0RLI. Their help in providing answers to my questions is greatly appreciated.

If you have any comments on this "Introduction to Packet", want to suggest new topics for inclusion in future articles, or want to correct or update any of the information contained in the series, please send me a packet message. I'd love to hear from you and your comments will be appreciated. I hope that you've found the series to be informative and helpful in making packet radio more enjoyable for you.

Enjoy!

73, Larry Kenney, WB9LOZ @ W6PW.#NOCAL.CA.USA.NA
San Francisco

Radio Club Of Tacoma
Minutes For Regular Meeting
December 28, 1994

The meeting of the Radio Club of Tacoma was called to order at 7:30 P.M. by President Jim Kirkreit, K7YLM, with 72 members and 5 visitors present. A quorum is present for conducting official business.

ANNOUNCEMENTS:

12/31/94 RCT VE License Exams 10:00 AM RCT Clubhouse
1/2/95 Novice-Tech Class begins 6:00 PM RCT Clubhouse
1/4/95 RCT Board Meeting 7:30 PM RCT Clubhouse
1/11/95 RCT Meeting "Internet" 7:30 PM Library Administration Center at 112th E and Waller Road
1/12/95 General Class Course begins 6:30 PM RCT Clubhouse
8/12/95 RCT Flea Market

NEW MEMBERS: Certificates were available for Jim Brown, WB7DPM; Jake Jones, KC7GQC; and Bill Watson, KB7QDJ.

LIFE MEMBERS: Certificates were presented to Joe Jenks, KA7DCX, and Deanna Jenks, N7WHC.

LOGGER CONTACTS: Logger endorsements were available for Jerry, K7ETU(1); Gary, KB7ZDS(1); Bob, N7QOZ(1); Cathy, KC7ETY(1) and Dick, W7RGD(2).

HEALTH AND WELFARE: Mark, KC7FAA, is home recovering and continues to do well.

SILENT KEY Howard Frey, W5PBL

HINTS & KINKS, TUNING AND TRAFFIC, ETC.: Jim, K7YLM, passed out a reprint on "Portable Re-Entrant Cavity Two Meter Antenna".

TREASURER'S REPORT

GENERAL FUND CHECKING	831.23
REPEATER FUND CHECKING	1,529.78
PACKET FUND CHECKING	311.94
FLEA MARKET CHECKING	525.00
MONEY MARKET SAVINGS	11,228.88
SCHOLARSHIP MEMORIAL CD	2,564.07
CASH ON HAND	0.00
TOTAL ALL ACCOUNTS	$16,990.90

MEMBERSHIP: 583 members as of this date for 1994.

MINUTES: Previous minutes are available at the front of the room.

BATTLESHIP MISSOURI: Jim, K7YLM, introduced Tom Sanders, W6QJI, President of North Kitsap Amateur Radio Club shared some information about the event coming up in September. There will be 3 HF stations, 1 VHF station, 1 satellite station, 1 packet station and possibly a slow scan TV station. Teams have been developed with people participating in them but not all of them have someone heading the team and would like us to help with that. Apparently, President Clinton and Bush will be there. The radio stations will be set up on the rear of the ship with our own gang plank and everything.

PROGRAM: Jerry, W7BUN, spoke briefly on what DX means identifying a TRUE BLUE Dxer which is those who put life and limb in jeopardy just to capture that rare contact and then there is the rest of us who are an amateur Dxer which is just playing at it when it fits our schedule and desires. Following this he ran the video about the DX expedition to Peter the First Island. It was very interesting and an excellent program.

RACES/ARES: Shirley, N7QHW, reports there will be a need for amateurs to help support the MLK Marathon coming up in January so stay tuned for more information.

LICKEM STICKEM PARTY: Jim, K7YLM, announced that the party will be this Friday at 10:00 AM at the clubhouse.

PACKET: Jim, K7YLM, reminds us that the January Packet meeting will be Tuesday, January 17, 1995 at 7:00 PM.

HF STATION WORK PARTY: Brian, KA7KUZ, reports the new carpet is in and all equipment is back in its location to a lot of help from many hard working and dedic members who volunteered. Jim, K7YLM, extended his th also to the many who helped accomplish this upgrade.

ANNUAL BANQUET: Brian, KA7KUZ, reports the bar will be February 25, 1994 at 7:00 PM at the Tacoma Elk's the cost will be $15.00 which includes tax and gra Tickets will be available from himself or his wife JM fron Board meeting on next week.

CLASSES: Jerry, W7BUN, is sending around a sign up for a class on "How to do Presentations". The class w given on February 9, !995 and will take about 3-4 hours.

PROGRAMS: Jerry, W7BUN, announced that he resigned as the Program Chairman and he is please announce effective February 1, 1995, Alan, N7EAY, agreed to do the job. Let Alan know what you would li have for programs.

AROWS: Marilyn, KJ7BN, announced that the next AR meeting is scheduled for Wednesday, January 18, 19 7:30 PM at the clubhouse. New officers for AROWS President Tressie, KC7BAL; Vice-President JM, KC7 Secretary Judy, AJ7R; and Treasurer Marilyn, KJ Marilyn also announced they will be doing a food through the month of January and if you bring some foc the drive to the club meetings, there will be a free cook you.

CONTESTS: New Year's Eve is straight key night. Ther lots of contests coming up in January which are listed handout(attached) at the front of the room.

ADJOURNED: The meeting adjourned at 8:45 PM.

Respectfully subm
Shirley Murphy, N7QHW, Secretary

Radio Club Of Tacoma
Minutes for Board Meeting
January 4, 1995

The meeting of the Board of Directors of the Radio Cl Tacoma was called to order at 7:30 PM by President Jim K K7YLM, with eight members and seventeen guests prese quorum was present for conducting official business.

TREASURER'S REPORT

General Fund Checking	1,21
Repeater Fund Checking	1,52
Packet Fund Checking	31
Flea Market Checking	52
Money Market Savings	11,52
Scholarship Fund	6
Scholarship Memorial CD	2,56
Cash On Hand	28
TOTAL ALL ACCOUNTS	$18,01

A proposed 1995 budget (attached) has been develop Jerry, W7BUN, along with the actual expenses (attached) in for 1994. After discussion and two amendments, S N7QHW, moved we accept the budget as revised. seconded by Jerry, W7BUN. MOTION PASSED.

MINUTES: The minutes of the December 7, 1994 Board m were available.

BYLAWS: Shirley said the Bylaws committee, as the directed them to do, met last month (Dec.1994) and to suggestions sent in by the membership and went throu revised edition of the Bylaws and incorporated as comments as they felt were appropriate. This is a docume can be given to the five-member panel for review and th then bring back their recommendations for acceptance as is change and the Board will act on it. Don Murphy, N7A Chairman of the five-member panel requested b membership, presented a letter to the Board requesting ems: the original Bylaws, the revised Bylaws sent to the embership Nov. 9, 1994 and the originals of comments and uggestions submitted by the membership. Shirley will provide all f this for the committee.

CHOLARSHIP COMMITTEE: The need for a new scholarship ommittee was discussed.

TANDING RULES: A motion was made by Jerry, W7BUN, that e Board devise and adopt a set of Standing Rules. Motion econded by Alan, N7EAY. MOTION PASSED.

MERGENCY COMMUNICATIONS: Jim, K7YLM, asked hirley, N7QHW, to help locate person(s) to help W7DK set up nd operate as an Official Emergency Station. She asked for and eceived approval from the Board to go to an ARES Board leeting tomorrow night to present our need.

IF STATION: Thanks went to Brian for all his hard work for the IF Station improvement. He, in turn, thanked all who worked in ome capacity to help in this project: Rob, K7TGU; Alan, B7SVU; Mike, KB7QOP; John, KC7FGG; Al, KC7DDA; Judy, J7R; Jim, K7YLM; Dan, KC7CUQ; Don, AB7DS; Mike, B7ZDR; Val, N7VGO; Jeff, KB7NHD; Wade, WA7OHG; Dan, 7QWH; Dick, KG7WF; Guy, KC7AIW; Mac, W7MSR; Bob, I7HW; Art, AA7EO and any others who assisted. He adds some ecisions need to be made on what equipment to keep and what no longer needed.

RAINING: Bill, W7GBC, said classes are going well. There will e a one-night-only presentations course Thursday, Feb. 9, 1995, train would-be instructors. It will be limited to ten people.

01 (C) (3): A committee will be formed regarding solicitations.

ACKET RADIO: Mike, WB7DFQ, recommended upgrading our apabilities in keeping with our official emergency services status s well as improved BBS capabilities.

IISSOURI ACTIVITIES: Jim announced Bill, N7TEQ, and orna, KB7YTJ, have been appointed our liaisons with the North itsap Radio Club.

LUB PROGRAMS: Alan, N7EAY, shared some of his ideas as e new Programs Chairman for the radio club. He thanked Jerry, 7BUN, for all his hard work in the past.

LEA MARKET: Alan, KB7SVU, will confirm date for 1995 Flea arket at Charles Wright Academy. Flyers need to be ready by nd of January for distribution at Salem Hamfair in February and e Mike and Key Flea Market in March.

ORRESPONDENCE: A letter was received from the ARRL anking us for our contribution of $150 to print the Archie comic ooks encouraging participation in our hobby by young people. lso, Letters were received from Kathleen, N0EYK, resigning her osition as Chairman of the Scholarship Committee and Roger, 7AYC, resigning his Chairman of the Long Range Planning ommittee.

he meeting was adjourned at 9:50pm.

TTENDANCE:
resident Jim, K7YLM
ice-President Bill, W7GBC
ecretary Judy, AJ7R
reasurer Jerry, W7BUN
oard Members Shirley, N7QHW; Alan, N7EAY; Brian, A7KUZ; Mac, W7MSR.

uests: Robert, KB7YTH; Ray, W7KFN; Willie, KA7NXK; Don, B7DS; Don, N7AEJ; Mike, WB7DFQ; JM, KC7DKH; Mark, C7FAA; Steve, NL7LD; David, WB7AUJ; Al, KC7DDA; Frank, G7HB; Rich, N7ANF; Tressie, KC7BAL; Denny, KB7NAG; Alan, B7SVU; Marilyn, KJ7BN.

Respectfully Submitted Secretary
Judy Kirkreit, AJ7R

Radio Club Of Tacoma
Minutes For Regular Meeting
January 11, 1995

The meeting of the Radio Club of Tacoma was called to order at 7:30 PM by President Jim Kirkreit, K7YLM, with 94 members and 2 visitors present. A quorum was present for conducting official business.

President Jim Kirkreit, K7YLM, asked the membership to rise and observe a moment of silence in memory of four firefighters who gave their lives this past week in Seattle.

ANNOUNCEMENTS;
1/12/95 General Class Course begins 6:30 PM RCT Clubhouse
1/17/95 Packet Meeting 7:00pm RCT Clubhouse
1/18/95 AROWS Meeting 7:30pm RCT Clubhouse
1/25/95 RCT Meeting "The Evergreen Intertie" 7:30pm Library Administration Center at 112th E and Waller Road
2/6/95 License Exams all classes 6PM RCT Clubhouse
2/25/95 RCT Awards Banquet Tacoma Elks 7:00pm
3/11/95 Mike & Key ARC Electronics Show & Flea Market
8/12/95 RCT Flea Market '95

NEW MEMBERS: Certificates were available for Frederick Richardson, KC7HFO; Chris Richardson; Glenda Treloar; Scott Moller, KC7HII; Floyd Rollins, KC7EEZ; Dustin Rollins, KC7EFA; Peter Thorsen; Jerry Nelson, KC7DRE; Brian Lee, KC7FAE; Jackie Harris, KC7CBN; Katrina Holwege, KC7GQB; Peggy A. Thompson, KC7GZT; Morel Guyot, KC7FCI; Daniel Nelson; Stephen Bowhey, NL7LD; Clifford Ross, KC7CLV; Jim Brown, WB7DPM; Bill Watson, KB7QDJ.

LOGGER CONTACTS: Logger endorsement was available for Daniel, KC7BMK.

HEALTH & WELFARE: Two of our members are ill with pneumonia: Ralph, KA7FIG, and Jim Hudon, N7DKI. Jean Trealor, KB7SVX, was with us tonight after spending last night in the emergency room with tests still ahead of him. John, KC7FGG, announced his mother is ill with heart trouble.

STATEMENT: President Jim Kirkreit, K7YLM, read a statement to the membership: "I have a plan and a promise... Give me your goals and ideas and your financial support in the form of dues, and you have my promise and my word that your dollars will be extended to all license classes to accomplish what you, the membership, desires."

HINTS & KINKS, TUNING AND TRAFFIC, ETC.: Jim, K7YLM, passed out an antenna reprint on "The Miserly Mobile PVC Special". Brian, KA7KUZ, made contact with a ham in Issaquah via the RS 12 Russian Satellite.

TREASURER'S REPORT

GENERAL FUND CHECKING	2,215.24
REPEATER FUND CHECKING	1,529.78
PACKET FUND CHECKING	311.94
FLEA MARKET CHECKING	525.00
MONEY MARKET SAVINGS	11,528.88
SCHOLARSHIP WORKING FUND	60.00
SCHOLARSHIP MEMORIAL FUND	2,571.64
CASH ON HAND	0.00
TOTAL ALL ACCOUNTS	$18,742.48

MEMBERSHIP: 256 members as of this date for 1995.

MINUTES: Previous minutes were available at the front of the room.

INTERNET: Jerry, W7BUN, introduced Mike Crawford, WB7DFQ, who spoke on the Internet and the information superhighway. He shared with us what is available in the form of Mail Servers and some of the local providers. It was a most informative and interesting program.

FLEA MARKET: Alan, KB7SVU, told us a letter was in the mail from Charles Wright confirming August 12, 1995 for our Flea Market. Flyers are in the process and will be available for Salem and the Mike & Key in March. He requested help in the form of a chairman for public relations and volunteers to make signs. JM, KC7DKH, will be Flea Market Treasurer and Mike, KB7ZDR, in charge of security with MASS assisting. Call Alan at 840-4947 if you can help.

ARRL: Jim, K7YLM, introduced Mary Lewis, W7QGP, the Club-Affiliated Coordinator for ARRL who spoke of the many changes under way. There are now 9000 technicians in Washington State. She stated we need to educate these new hams on the many things the ARRL does for us and encourage membership. She says to contact her, as our representative, if you have ideas.

PROGRAMS: Jerry, W7BUN, announced the next meeting's program will be on the Boeing Bears' Evergreen Intertie. After 30 years arranging programs he relinquishes the job to Alan, N7EAY, who encouraged us to call him with ideas and he'll do his best to get qualified people. Upcoming programs will be on "Myths of Amateur Radio" by Tom Sanders, W6QJI; Satellite Station demo by Mario, KD6ILO; and "Connecting with the MIR Space Station and Soviet Space Shuttle" by Russell, KB7UXK.

RACES/ARES: Shirley, N7QHW, announced help is needed Saturday, January 14 for the Martin Luther King Marathon. Those interested should call Shirley or Irene, KB7IGW. Also, there will be an Earthquake Preparedness Drill on April 26/27 requiring lots of commitment and involvement. Contact Shirley or David Brinkman, N7UNN, Emergency Coordinator, if you can help. She also has been charged with getting the RCT Official Emergency Station up and running. She needs help with staffing and training.

LICKEM STICKEM PARTY: Date will be announced on the Tuesday RCT net.

AROWS: Tressie, KC7BAL, announced the next meeting Wednesday, January 18 at RCT at 7:30 p.m. **ALL LADIES ARE WELCOME - LICENSED OR NOT.**

FOOD DRIVE: The AROWS are conducting a food drive, with assistance from Al Burleson, KC7DDA, and Bill, W7GBC, who announced food will be collected through the February 8 meeting.

RCT AWARDS BANQUET: Brian, KA7KUZ, announced he and JM, KC7DKH, are selling tickets for $15 each. The event will be held at Tacoma Elks on February 25 at 7:00 p.m. Brochures available at front of room. He also thanked all who helped in any way during the HF station painting and carpeting.

NOVICE ROUNDUP: Mary Lewis announced it's very important our club station participate because if there's not enough interest this will be its last year.

ANTIQUE WIRELESS: Worth, W7WG, announced there's no set schedule yet but they do get on the air on 3590 MHz.

CODE PRACTICE: Jim, K7YLM, announced he and Mike, KB7QOP, will be having "unique" QSO-type code practice, on Tuesdays and Thursdays for two months, starting Feb. 7, from 6:30 to 7:15 p.m. Tuesday will be for general code and Thursday extra code.

PACKET: Mike, WB7DFQ, announced this month's meeting will be TUESDAY, January 17, at RCT clubhouse at 7:00 p.m.

ADJOURNED: The meeting adjourned at 9:15 p.m.

Respectfully submitted,
Judy Kirkreit, AJ7R, Secretary RCT

The Mt. St. Helens Adventure

May 18,1995 is the 15th anniversary of the eruption of Mt. St. Helens. A group of RCT members got together to explore the possibility of having a special event station, located near the crater to commemorate the event.

At this time, it looks as though we have a trailer for a station headquarters and a good possibility of obtaining the loan of some nice HF, VHF, and packet equipment. We hope to have a special QSL and even some certificates. Some other clubs have expressed interest in working with us.

If this can be done, it will be a great way to make our club known to many areas of the U.S. and the world. In addition, it will be a great training ground for field day, contesting and emergency communication.

The Invasion Of Owen Beach II

One of the biggest events of 1994 was our antenna tr
exercise at Owen Beach in beautiful Pt. Defiance Park. We
great potluck, several HF stations on the air, an antenna
contest called ANTENNA WARS, a packet station and
prizes.

This is 1995 and we are going to do it all again. It is
planning stage at this time so the exact date will be announ
the near future. Keep your eyes and ears open for this on
start designing those HF and VHF antennas. We hope to
lots of stations on the air and possibly some media cov
The best thing is that our club has found the method of pro
training with fun. Plan on this one

Packet BBS News

As part of its reorganization, the FCC has establis
new Wireless Telecommunications Bureau. This new b
will have seven divisions; the new Private Radio Div
along with the Licensing Division will handle Amateur
matters at the FCC. Other divisions are: the Comm
Radio Division, the Enforcement Division, the Au
Division, and the Customer Services Division.

The FCC's accounting records are an "inauditable"
says a report from the US Inspector General. The Nove
report found more than $40 million in account discrepa
in fiscal 1993. Incoming Senate Commerce Comr
Chairman Senator Larry Pressler said that he would "I
reduce the size of the FCC."

The ARRL DX Advisory Committee (DXAC) has vot
reject adding Austral and Marquesas Islands, and Ba
Islands to the DXCC Countries List. Austral and Marq
Islands are in French Polynesia and Balleny Islands are
of Antarctica.

New overland distance records have been set on th
and 5760 MHz amateur bands. On 2 meters, the pre
record, using tropospheric ducting, was 1468 miles
1968. On November 5, 1994, WB4MJE at the southern
the Florida Keys worked VE1KG in Halifax, Nova Scotia,
distance of 1687 miles. On November 12, 1994, WB5L
Allen, Texas, worked W9ZIH in Malta, Illinois on 5760 M
a distance of 738 miles. The previous record on 576
614 miles.

Two more astronauts have qualified for Amateur
licenses - Mission Specialist Wendy Lawrence, KC5KII
Payload Specialist Sam Durrance, N3TQA. Both
scheduled to fly on STS-67 in late February or early Marc

Radio Depot
360 / 377-9067 (local)
800 / 291-9067 (within area code 360)
2135 Sheridan Rd. Suite F - Bermerton, WA 98310
Owner Dave Roddy, N7KZN
Store Hours: Monday thru Saturday - 10 AM to 6 P
Mail Orders Welcome. Within area code 360 call 1-800
9067.
Dealer For: AEA Alinco, Allanteck, Ameco, Anli, A
Artsci, Astron, Bencher, CQ Pubs/Videos, Genesys,
Sound, JPS Communications, K-Com, Larsen, MFJ, M
USA, Nara, Perifhex, Pouch, Radio Amateur Callbook,
RO, Standard Radio, Valor Pro-Am and W5YI.
Also Stocked: Various RF/Mic Connectors, Coax/R
Cables and selected products from Cushcraft, D
Diamond, Hustler, ICOM, Kenwood, RF Concepts, Un
Bearcat, and Yaesu.
Radio Depot Offers the Largest Selection of Stan
Radio and MFJ Products In WA.

February 1995

W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1 Board Meeting Club House 7:30 pm. #BECKY'KC7ETZ	2 # JOHN - K7ASZ	3 #MIKE'-KC7EXI #KEN'- KA7CZA	4 PINOCLE/ Potluck Clubhouse 7pm #DICK'-KB6PWR # STEVE-KB7JKZ #GEORGE-KB7NDC
5 VERNA RYAN JIM -K7YLM RALPH -KJ6CD	6 LICENSE EXAMS all classes-Clubhouse 6pm # CARL -KB7LIG #BILL'- N7TEZ	7 147.28 NET 7:30 PM --- #VAL'- N7VGO	8 W7DK MEETING Library 112 St.E.& WALLER RD.7:30pm #PHIL'- G4UFH	9 #JOE' -KD7LJ	10 #RICH'-N7ANF # KAREN KILEN	11
12 ncoln's Birthday CARMEANE PERRY GARY - N7EKX	13 TBCH Course Begins-Clubhouse 6:30pm # KARYL -N7KWF #JIM'- KI7VB	14 147.28 NET 7:30 PM --- # MARK - N7FIT *Valentine's Day*	15 *AROWS Meeting Clubhouse-7:30pm* #DENNY'KB7NAG # Paula-KB7RYK	16	17 # DAN -N7QWH #MIKE'-KB7ZDR	18 *ARRL DX Contest [cw]* #PETE'- N8PSJ # JOHN- KC7BKA
19 *ARRL DX Contest [cw]* RON'- N7SWO OLIVER-W7WIA ONNA HATHAWAY	20 *LOGGER'S BARK "DEADLINE"* # MAJOR -N7GSF *President's Day*	21 147.28 NET 7:30 PM --- MVWS VE TESTS # PAM TERJESON	22 Washington's Birthday W7DK MEETING LIBRARY 112 St. E. & WALLER RD.7:30pm #BILL'-KB7CNN # SALLY-KB7PKI #TRESS'KC7BAL	23 # JOANN -N7VPB	24 # JOHN -N7JFM	25 RCT ANNUAL BANQUET TACOMA ELKS 7pm # PARKER-K7GYP
26 PAUL - N7WGV NORM'-KB7UXM	27 LADY'S PINOCHLE CLUB-HOUSE NOON #BUD' WE7I #LOUIS'KA0SKW	28 147.28 NET 7:30 PM --- #BILL'-N7BAA				

January

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

March

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Happy Birthday!

Coming Events

Jan 28-Feb 5 - ARRL Novice Roundup

Feb 1 - Board of Directors Meeting - 7:30 PM - at the Clubhouse - all members are invited.

Feb 4 - Pinochle/ Potluck 7 PM RCT Clubhouse

Feb 6 - License Exams - All Classes - 6 PM - RCT Clubhouse.

Feb 8 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - **Program:Programs for the RCT Feb. 1995 - Amateur Radio Myths**. Thomas Sanders, W6QJI of Port Orchard will bring us program, about myths in Ham Radio. Subjects Include Antenna, SWR, Feed Lines etc. Bring y own questions

Feb 9 - "Presentation Techniques" A one-evening course for current and future instructors. If you would lik to instruct RCT classes, call Jerry, W7BUN for details.

Feb 13 - Technician course begins - Clubhouse - 6 PM Register with Bill Shimmin, W7GBC, 584-1086

Feb 15 - AROWS Meeting 7:30 PM RCT Clubhouse

Feb 18-19 - ARRL DX Contest - CW

Feb 22 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - **Program: Emergen Communication**. Mario, KD6ILO will present a program on stting up all mode of emergen communications packeges. Mario is very experienced in Military and digital all mode communicatio

Feb 25 - RCT Annual Banquet and Installation of Officers - Tacoma Elks Lodge - 7 PM (details in this issue)

Feb 24 - Ladies Pinochle 12 PM Clubhouse

Mar 2 - Advanced Class course begins - Clubhouse 6:30 PM - Register with Jerry Seligman, W7BUN, 845-7652

Mar 4-5 - ARRL DX Contest - Phone

Mar 11 - Mike & Key ARC Electronics Show & FleaMarket

Mar 25 - License Exams - All Classes - 10 AM - RCT Clubhouse.

Aug 12 - Radio Club of Tacoma - FleaMarket '95

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

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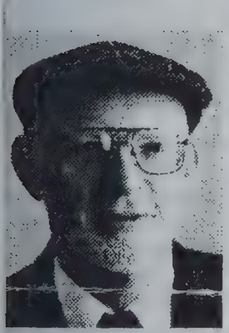
THE LOGGER'S BARK
RADIO CLUB
W7DK
OF TACOMA

OL. XXXII NR.3 W7DK MARCH 1995

From The President

de Jim K7YLM



EMERGENCY 95

The recent earthquakes around the world have brought to light the fragility of our existence. The quake in Tacoma, though very slight, made known that it can happen here. As a result, I want to give you my views on emergency communications. We must be able to assist our members and their families when an emergency should occur. In addition, we have an obligation to assist ur community in time of need.

At this time, we have a repeater on 147.28 which has good verage to most of Pierce County. I would like to see remote ceivers to improve our coverage to the south and the uburn/Kent valley. Our repeater on 147.38 is of limited value in present location. I would like to have your assistance in finding new location. This would allow for much better coverage during rmal and problem periods to Pierce County and surrounding eas. The Radio Club has a 440 frequency. The RCT Board of irectors has allocated this frequency for use as a packet peater. I would like to see this frequency used for a 440 voice peater for use by all members. If these repeaters could be motely linked together, it would give us further capabilities in mergency situations.

Over 50% of our membership is composed of people new to am radio. Their operation is basically limited to VHF and UHF. I elieve we must do our best to provide our members with the best communication facilities.

Many local area repeaters have the capability to indicate the me, signal strength, deviation, frequency and repeater linking. I elieve we can and should have these features available to our embers.

We have the skills and talents to make these ideas a reality. hat is the bottom line? "We are a Club which looks out for its embers."

Missing Items

It has been noted that after the refurbishing of the HF Station ome items are missing from the HF station and the Antique useum. We are unable to find the tube tester and some of the ntique speakers are missing. If anyone has any information as their whereabouts, please contact one of the board members.

Thanks for your help

Are You Homeless?

This is the home of the Radio Club of Tacoma. If your membership has lapsed you are homeless.

A red dot on the March issue of your *Loggers Bark* is a polite reminder that your 1995 dues have not been received.

Please stay with us. We have a great year planned and we really need you. Help us make your club the best ever!

Dues Dues Dues

RADIO CLUB OF TACOMA
1995

PRESIDENT	JIM KIRKREIT	K7YLM	927-7825
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
SECRETARY	JUDY KIRKREIT	AJ7R	927-7825
TREASURER	JERRY SELIGMAN	W7BUN	845-7652
BOARD (4)	SHIRLEY MURPHY	N7QHW	265-3661
	JOHN McALLISTER	W7MSR	952-7388
	ALAN ALLEN	N7EAY	475-7413
	BRIAN SPINDOR	KA7KUZ	756-5030
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PUBLISHER	W7DK PRESS	N7QHW	265-3661

****

CLUB MEETINGS

7:30 pm
Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411. 206 / 759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Mail all articles and advertising to Ralph Fuller, KA7FIG, 8208 Southway SW. Tacoma, WA. 98498. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO ***THE LOGGER'S BARK***, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/ Radio Club of Tacoma

147.88 / .28 MHz 144.97 MHz Packet
147.98 / .38 MHz (pl 103.5) 441.00 MHz Packet
224.52 MHz

New Members as of February 18

Mark Creley, KC7IBZ RCT# 18
12408 24th St. E.
Puyallup, WA 98372 863-939

George Herrington, N7KYM RCT# 18
Ruth Herrington, N7KYN RCT# 18
6203 85th St. SW
Tacoma, WA 98499 588-869

Charles Meyers, KC7HFP RCT# 18
8429 S. 19th
Tacoma, WA 98465 565-174

Ian Stopoulos, KC7EXF RCT# 18
236 S 53rd St
Tacoma, WA 98408 472-311

Todd Myers, KC7ITR RCT# 18
6809 S G St
Tacoma, WA 98408

Address And Phone Changes:

Pete Jones, N8PSJ
29902 14th Ave S
Roy, WA 98580

Frank Schitoskey, KB7RYS
5718 51st Ave CT W
Tacoma, WA 98467-3528

Roy Richards, N7ARO
642 NE Woods CT
Bremerton, WA 98311

Kenith Turner, KB7ZQN
Phone Number 825-5698

Gregory Conine, N7RSE
14115 121st Ave NE
Kirkland, WA 98034-1423

New Call Signs:

Werner Lennartz, KC7IBP
Peter Thorsen, KC7IBI
Chris Richardson, KC7IBL
Fran LeRoy, KC7DAG
Stephen Lee, AB7HI

Silent Key:

Elmer Dalbalcon, WA7ZUE-former member RCT# 987

Gene Dodge, W7BTV
Profile Of A Special Member

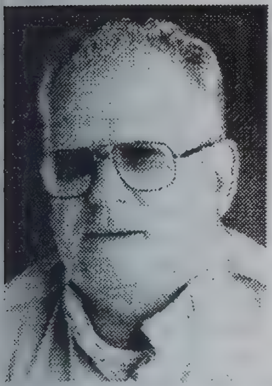
Between Christmas and New Years of 1931 Gene was d by his dad to the Federal Building to take his exam for his ham license. It took three weeks for the Federal R Commission to issue the license. Shortly thereafter he joine Radio Club of Tacoma. In 1932 he entered as a first year stu in Stadium High School. Because he did not have the money requested that his name be dropped from RCT until such tim he could repay his dues.

A year later he was hired by the circulation department o Tacoma News Tribune. Gene studied for and obtained a sec class Commercial Phone License in 1936. He worked as a R Operator for Pacific American Fisheries at a canner Dillingham, Alaska. He earned his First class license in 1950's which allowed him to work as an engineer in the broad field.

For a period of 25 years, until his retirement, Gene worke a cameraman and subsequently **Supervisor of Re Operations for KTNT-TV and KSTW-TV.**

Gene, it has been an honor to have you as a member o Radio Club of Tacoma for over 63 years. **by Jim, K7YLM**

Editor's Log Pile



de Ralph KA7FIG

Last month I tried to show the value of an idea. An idea on one hand that is perceived by clubs like ours to have the same type of experiences year after year, and a club like ours where ideas can create great change.

Change, however, is not always positive. A couple of members could drop their membership and a great deal of experience and know how disappears with them. ometimes you can collectively replace that know how, but sually the old tried and true experience is gone.

A case in point, deals with a little article which appeared last months *Bark* on page fourteen called, "The Mt. St. elens Adventure." This idea was not embraced by the Board f Directors, but as a concession to the members who might ant to celebrate the fifteenth anniversary of the Mt. St. elen's big bang on May 18th, the Board had no objection. ince this is a new idea, no budget was submitted and no nds were offered.

So we have an **IDEA!** Who do you suppose is capable of ulling off this adventure? The first step has been ccomplished by requesting a use permit for the ***Monument.*** he second step was sitting in a disk in my computer. The isk has advertising for QST and other publications so the ation and maybe the world will know we are on the air. This where you the Club either has the will to pull this idea off or ass. May 18th is a Thursday. If we operated from dawn ntil dusk, who can afford the time? We would need to go own Wednesday afternoon and set up. Stay in either Castle ock or Toledo and be back at the stations at dawn.

My first Field Day began after the big antennas were in e air and I didn't have the courage to ask, "How did they do at?" The next year I went out to Field Day on a Friday fternoon to see how those huge antennas were raised. This not a job for the faint of heart.

After participating at Field Day, returning to the garage ith a twenty foot fully loaded flat bed trailer on a Sunday fternoon in 1985, Jack Lenhart, K7AFU, helped two ladies nd a kibitzer unload that trailer, and went home to become a lent key. We need the young strong folks who have muscle s well as brains; are in better physical shape to replace the ncient full girth members who have great memories, little nergy and no capacity.

The equipment needed for two stations is stored in the lubhouse garage and a representative list includes rounding rods, grounding straps, pegs, guy stakes, guy wire, ntenna guys, antenna towers, antennas, coax, insulators, tator, rotator cable, cable, radio, someplace to setup your tation so you are relatively free from the elements, gasoline nd the generator to run it.

uestion #1. Who will lead, who will follow, who has a truck r trailer or both to pack gear; has the strength to load, nload, put up, operate, take down, load, unload, clean and ut away?

uestion # 2. How many operators will we need for a twelve our pile-up? Is any one in the Club welcome? At the last oard meeting I asked this question of the people in the room, nd the specific response was everybody. **"Why of course!"** emember this, **"of course"** when twenty meters is hot and a ech. wants to operate with the contestor's license in the extra lass band.

Question #3. How many of you know how to set up an emergency station, for essentially that is what Field Day is really all about? This an opportunity of a life time for some real experience.

Question #4. Can you help carry out this project with instruction from beginning in the garage to being on the air in the parking lot at the Clubhouse? If you can set up a station there, you can set up a station almost anywhere. Should your answer be yes to any or all of the above and you want to play call Alan Allen, N7EAY, 475-7431 or Brian Spindor, KA7KUZ, 756-5030 to show them your interest. **TIMBER**

QSL Manager

de Sue, KC7AVS

Hi! I know that many of you don't know me, so I think it's time for me to introduce myself. I sit in the back at the meetings with the guys that say "play ball" after the flag salute. My name is Susan Baldwin, KC7AVS, and I'm the new QSL Manager for the Radio Club of Tacoma. I'm sure that a lot of you know my husband Val, N7VGO. He's a well known character. Actually Val and I will be working together to do the best we can handling the comings and goings of the QSL cards for the Club. We are trying to bring a small, but interesting display to the meetings and we are planning to have the club's "QSL Collection" on display at the clubhouse as soon as we can get it organized to our satisfaction. Val and I feel that the membership should be able to see what they have "worked" for. After all, if the members of the Radio Club of Tacoma didn't run the station there wouldn't be a need for a QSL Manager now would there?

Lately I've been hearing questions being raised about the bulletin board at the clubhouse. I want to assure people that the QSL cards that were hanging there have not "gone away". Those cards will be "filed" and soon back in the clubhouse for those who wish to "browse". What Val and I would like to do with that bulletin board is to break it into the sections. Possibly with the following headers: "QSL Of The Month", "DX Of The Month", "Members QSLs", "Silent Keys", "FYI" (For Your Information). Our thinking is that this would make a fun, informative, and interesting "project" for more than just Val and I. It will give the members of the Radio Club of Tacoma a chance to see who and what is going on. For the newest members, and the people that come to the clubhouse for classes, it would give them a little insight and information on what we are about as a Club.

One thing I noticed when I was taking down the QSL cards from the bulletin board was that most of the older cards were extremely faded. Some were to the point where it was difficult to read! ***What I am asking is if you are a member of the Radio Club of Tacoma and you would like to have your personal QSL card displayed on the bulletin board, please send one to me.*** Because of the size of the membership it may be necessary to rotate cards now and then to be sure that everyone's card gets displayed.

Have a suggestion? Have a question? Give Val and me a call at 206/927-2351.

Drop us a line. Send us your card.

Val & Susan Baldwin
4010 49th Ave. N.E.
Tacoma, WA 98422

To aid KOBE quake victims the Ministry of Posts and Telecommunications supplied 200 handheld transceivers for 430 and 1260 MHz, as well as 3 repeater stations. Each station was supplied with a special JJ3 call sign. There are still 400 relief centers and 240,000 evacuees not being served by this system.

News From ARRL

de Jerry, W7BUN

On February 1, 1995, the FCC released its Report and Order in PR Docket 93-305, "Amendment of the Amateur Service Rules to Implement a Vanity Call Sign System." Amateurs will be able to apply for the call sign of their choice in four "gates." The first group will be previous holders of a call sign or close relatives of a previous holder who is deceased. The second group will be Amateur Extra Class licensees; the third Advanced; the fourth, all others. The FCC will announce the opening of each "gate" by public notice. The effective date of the new rules is March 24, 1995. The first gate will open as soon as a new application form 610-V is available - no sooner than April according to FCC staff. The fee for vanity call signs will be $70 for a 10-year license term. Amateurs will be able to list up to 25 call sign choices, from any call area. The FCC is reserving the one-by-one call sign block for special event stations.

Two Australian amateurs, VK5NY and VK6KZ, have claimed a new world distance record on the 10-GHz band. On December 30, 1994, the two worked a path of 1911 kilometers. The previous world record of 1660 kilometers was set in July, 1983

The ARRL Board of Directors met in January and adopted a long range plan for the League. Several ad hoc committees were named to begin implementation of the plan. Other actions of the Board were: to ask the FCC for stronger enforcement of rules in the Amateur Radio Service; to increase membership dues by one dollar effective April 1, 1995; and to continue the successful Hiram Percy Maxim Birthday Celebration to be held over two weekends in September.

An Oregon DXer has proposed to the ARRL a means to revitalize DXing. It would mean starting all over at the start of the next century. Contact ARRL Northwestern Director Mary Lou Brown, NM7N, with comments on this.

All amateurs are urged to call the State Legislative hot line, 1-800-562-6000, and ask their representatives to support HB-1437. This bill would limit the lease rate for repeaters on DNR land to $100 per year.

Radio Club Of Tacoma - VE Testing

The Radio Club of Tacoma, W7DK, will be offering an **all license class** examination session on **Saturday, March 25, 1995 at 10:00 AM** at the RCT Clubhouse located at 1249 S Washington St. in Tacoma WA. Pre-registration not required. Be sure to bring original and a copy of license and any CSCE plus a piece of identification.

For further information call:
Jerry Seligman, W7BUN at 845-7652
Walk-Ins Are Always Welcome

The Proud Men of the USS MISSOURI Pres

"MISSOURI '95 "

1945 - The Start of Fifty Years of Friendship
1995 - The Celebration of Perpetual World Freedo

The Battleship MISSOURI - "The Start of It

Preparations are underway for the Amateur Radio S
Event Station on Sept 1 & 2 to celebrate 50 years of
since the end of WWII Treaty signing on the Batt
MISSOURI. This is a great international event coming
Puget Sound, a once in a life time opportunity! Local Am
Radio Clubs have been invited to participate and you h
chance to be a part of it. With **YOUR HELP**, the Radio
of Tacoma can make a significant contribution to pr
Amateur Radio and honor those that served in World W
We can impact not only our local area, but our countr
the world.

YOU will have the privilege of operating a station
Battleship **MISSOURI.** If you don't want to fight the t
perhaps you would be interested in operating a r
station. There will be training sessions scheduled to pr
you for frequency pile-ups.

How about antenna and equipment set-up, testin
take-down?

The magnitude of this event requires the plannin
coordination of many people performing a variety of imp
tasks. Each one of us has a strong point of this hobby
need your help to make this event run as smooth
possible.

All participants will receive a certificate of commend

Be A Part Of History! Be Involved In An Event To
Your Children And Grandchildren About.
Don't Let This Pass You By!!

Please fill out the form on the back page and retur
the address shown; or give it to Bill, N7TEQ; Lorna, KB
or Jim, K7YLM. If you have already signed up for a S
Project Team, you need not complete this form.

Thank You For Your Support In Promoting This Ev

Countdown to Flea Market

6 months to go

RCT Flea Market '95

The Hiram Percy Maxim Birthday Celebration that w
popular in September 1994 has been made an annual ev
the ARRL.

ARES/RACES

de Shirley N7QHW

The following article was printed in the Group Health Cooperative Radiogram which is put together each month by the Emergency Coordinator for Medical Services in Western Washington. I thought it had a great deal of thought provoking information related to communications and also some good suggestions which should probably be at least discussed for our own ommunication networks within our own organization.

"Can We Talk?"

eviewing Communications Systems after Sudden ataclysmic Disasters - Reprinted from Hazard Technology, all 1994 Vol. XIV, No. 4, pp17-18 by Douglas Gillies, NI/USR xecutive Board Member

[Editor's Note: The following is a summary of discussions that took place at a National Town Meeting sponsored by the National Institute for Urban Search and Rescue last May in Rockville, MD.]

If a moderately severe earthquake strikes any major city the United States, we will face the spectacle of over 2,000 ollapsed reinforced concrete structures with survivors apped inside. With our current ability to respond, we could escue people from perhaps 25 of those buildings. The world ould watch in disbelief as thousands of rubble piles became mbs for their imprisoned occupants.

Under the leadership of the National Institute for Urban earch and Rescue (NI/USR), a growing army of volunteers om the private and public sectors is organizing a rescue for catastrophe larger than anything we have ever seen. This is ot merely an exercise, these volunteers are identifying the ctions that must be taken so this nation will be able to espond appropriately if a major catastrophe strikes. For the ake of clarity and rational thinking, they allowed themselves ome time-until the Year 2000-to get ready for **The Big One.** I/USR has named the effort "Vision 2000".

The purpose of Vision 2000 is to ensure that volunteers ill be ready to respond appropriately to a major urban isaster the next six years. In order to realize that goal, I/USR has been conducting town meetings across the nation discuss what should be done and how it can be ccomplished by the Year 2000.

During one of those town meetings, held in Rockville, MD, May 1994 (just prior to EIS/94, the Emergency Information ystem Users' Conference) the question attendees sought to nswer was "Can We Talk?" In other words, how well do odern communications systems function when disaster trikes, and what are the components of an intelligent disaster ommunications system?

ack of interoperability

Recurrent problems in the wake of recent disasters have evealed a pattern of confusion that results from lack of tandards and the technical inability of responders to ommunicate with each other. Responders are constantly ampered by inconsistent protocols, as well as hardware and requency differences.

At all jurisdictional levels--federal, state, and county---mergency personnel are using a variety of different ommunications devices ranging from cellular phones, to requency hopping handheld radios, to high-tech computers, the original radios which were purchased by counties and anded down to volunteer groups. The lack of standards creates many of the problems that get in the way of defining and establishing an intelligent communications system that supports all responders.

Many systems don't currently "talk" to each other. For example, during the first several hours following the Northridge earthquake, local TV stations were better informed than local law enforcement personnel and fire fighters because government officials failed to monitor television coverage of the event. If they had maintained an uninterrupted power supply (from backup generators) and had personnel assigned to track the television news, officials could have kept up to date and mini-mixed public confusion by filling in gaps in the coverage. Government officials need to stop avoiding the media and start using it as a tool to reach the public.

Establishing One Voice

Some of the reasons for the recurring communications nightmare after disasters can be easily identified. Local emergency response districts are usually drawn along geo-political boundaries. Unilateral, autonomous jurisdictions have difficulty working together. For instance, the Columbia River separates the state of Washington from Oregon, but emergencies do not honor the river boundary. Tall mountains divide the nearby Olympic Peninsula in half from north to south, but counties are drawn east to west. The populated eastern half of each county has almost no contact with the isolated, sparsely populated western half. While California and New York states have devised good internal mutual aid agreements, agreements between states are just beginning to form.

Further problems are caused by the architecture of the federal government. Emergency response crosses the boundaries between the Departments of Defense, Energy and Agriculture and many others. They are, in the words of one participant at the Rockville town meeting, "stovepipe agencies". They each operate like a functional stovepipe, each with its own structure, its own funding procedures and its own communications hardware and software. Everyone has their own set of forms and those forms must be used to funnel information up through each agency's separate stovepipe channels. Historically, agencies did not have to communicate with each other. They were self contained and they could lumber along at their own pace. However, now that information management technologies have grown, expectations and complexity have also increased.

Disaster management must not only join all of the federal stovepipes, it must transcend the boundaries of local and state governments. Every level of government has its own view of the world and exercises control over its own level. Each level thinks it has the best solution. As one emergency manager recounted, "We all did something differently as we went along with no rhyme, no reason. As a result, I don't know how many radio frequencies are in operation in my state, but they are myriad. You can't even see what my frequency is, so you can't operate on it. We have to deal with bureaucracy, turf battles, and unintelligent frequency allocations. In some cases, the low bidder for hardware determines how you operate".

While the control structure for emergency response must function in a bottom-up manner, uniformity in communications must be implemented with a top-down perspective within a unified framework. Twenty years of bottom-up, undirected growth in emergency communications technology has been buffeted by the competing motivations of all the different players focusing on their own limited concerns instead of the larger concerns of the community. The result is often empire building and a focus on amassing money and power to protect political turf.

In the absence of a top-down direction, individuals have grasped at technological solutions that are readily at hand, not those that fit into a more comprehensive plan. Proliferating systems each address specific sets of circumstances and needs. Dozens of layers of over-lapping technologies clash with overlapping and often inconsistent characteristics.

And yet, any emerging communications standard must recognize that different constituencies do work on different levels with different identities and functions. Top down direction cannot blur legitimate distinctions. While providing relief from competition for funding, the system must continue to accept input from the bottom up, such as in NI/USR town meetings and other forums that tap the collective wisdom and experience of the local and regional emergency response community.

Defining an Intelligent System

Intelligence is information which has been appropriately validated, properly communicated and fully evaluated to facilitate decision making. The function of an intelligent communications system is to ensure that the raw data is adequate under the circumstances, as accurate as is humanly possible, and is sent forward in a timely manner for verification.

It is a system that can translate any information to any authorized recipient with a minimum of human intervention. An intelligent communications system is a multi-tiered system that processes data to provide a hierarchy of callers with appropriate amounts of information necessary at each level so that they can process data, assess the situation, evaluate alternatives, and make decisions.

An intelligent system is self aware and can evaluate its own performance, diagnose its efficiency and recognize its own limitations. If a situation exceeds the capabilities of a system, it should talk to another system or pass on the talk to an appropriate level that has the ability to handle the flow. With pre-planning and with good information, the system can reduce the number of decisions that have to be made. The system should be able to conduct a needs assessment as the situation is developing and pass the results along to the appropriate response organization at the county level, when it becomes obvious that the incident is going to exceed the count's capabilities, the system should have the ability to contact the state and describe the need for assistance. This implies that the system has external connections and that local officials participate in setting the parameters.

An intelligent system must have the ability to adapt and to learn. Local areas frequently encounter emergencies that, from the national perspective, are re-recurring situations. A local system should have the ability to communicate with other systems that have responded to similar scenarios and learn from them. It needs to have sufficient access to other systems so that it can interlink with them to ensure that communications will always be available even under the worst case situations.

The system should be flexible, with the ability not only to have access to different media, but also be able to help the user choose the best one for the purpose at hand. For example, it should be able to choose a long-range radio frequency with the best propagation characteristics for a specific message. It needs to have a high capacity. It must be able to give priority to emergency communications. It needs to offer some way to standardize communications so that the communicators can understand phraseology and terminology that might be used. Ideally, it will be able to translate voice communications into data to enable the system to store and retrieve more information. It should allow automatic processing of the information that is transmitted over the system. It should have the ability to identif locate the caller.

FEMA has developed an assessment model that s to be working well. They have a dynamic system in plac lets information speed back up from the cities throug FEMA region, where it is fed into a simulation mo assess what's really happening on the ground. information somehow needs to flow back down to the and local emergency personnel so that they have a rea picture of what is happening. FEMA has to make subst progress in communications within ESFs (Emergency Su Function agencies in the Federal Response Plan). The spread out that technology and the lessons learned whi practicing the autonomy of local areas.

Open Architecture

An open architecture communication system is ne This does not suggest that everybody in the system will common frequency, but rather that the system will hav capability to monitor all frequencies in use and information between appropriate agencies and responde

First responders must move quickly to reest communications as soon as possible after a disaste Predetermined communications networks frequently d work or fail soon after an incident. Cellular phone becoming a universal medium of communication. In cases, the cellular net replaced the failed systems, informally. However, now they are also being overwhe Experience is the best teacher, We must act quickly people talking again.

It is also time to integrate global positioning cap into all communications devices so that a caller's positic be noted by the Emergency Operations (EOC) com center. When an ABC News helicopter spotted a coll house in Sherman Oaks three hours after the Nort earthquake, they had to fly close to the ground to read signs at a nearby intersection, then hunt for a fire truck next to a vacant lot so that they could land to repo damage. This drama in communications was broadca in 1994 to millions of viewers. With GPS and the assu that the EOC had assigned someone to watch each tele station that report would have been automatic.

The best opportunity for improving the system is a one. Identifying and discussing the problems is the st point. In any stovepipe organization, someone will try t the problem from getting to the top. No one wants t problems to the boss because they are supposed to problems. So, someone along the chain stops the pr from filtering up to the top. By identifying and discussi problem, everybody can focus on fixing it.

It's time for the federal government, the state industry to work together. A unified solution will be less to implement because of the economy of scale.

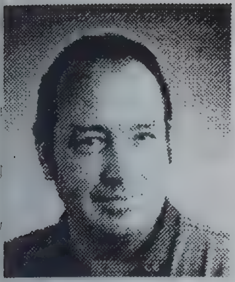
EMERGENCY PREPAREDNESS INFORMATION
NEWS ALERT FROM FEMA
NO CANDLES IN EMERGENCY PACKS

FEMA (Federal Emergency Management Agency issued an alert related to emergency preparedness supplies.

It has been determined that one-third (1/3) of the which occurred due to Hurricane Andrew were attribu CANDLES. The fires were either caused by unatt burning candles or from children playing with the candle

FEMA now recommends that we not put candles emergency packs at all. It is suggested that we instead good supply of batteries in the pack instead.

Packet Radio



de Mike, WB7FDQ

Earthquake! Winter storm warnings on Valentines Day! Floods! What will nature throw at us next? The only reliable answer to that question is, "your guess is as good as mine!" You may recall that last month I said I would continue with information on how to troubleshoot problems with your packet station nd I had intended to do just that, but in view of some of the ecent events around our area I thought it might be ppropriate to use this space to discuss the preparation of acket radio so that it can provide emergency ommunications during a natural disaster. This most nportant things to remember are the three "P's", Power, ortability, and Preparation.

Power can be provided by batteries, generators, solar, or combination of these. Deep cycle lead acid or gel cell type atteries are best for long term use because they are easier to naintain on float charge and they provide higher power apacity. NiCads will work but keeping them charged and nsuring they are in good condition requires a lot of effort. emember! If you are using lead acid batteries they must be harged in a well ventilated area. A small generator will rovide all of the power you should need plus it can be used provide additional power for your home. Just be sure you now how to hook it up so it doesn't endanger power crews ho are working to restore power service. If you check with our local Honda generator dealership they often offer classes proper generator operation and hookup. Another thing you eed to remember is the need to store gasoline so that it won't resent a fire hazard in your home. Gasoline also needs to be eplaced at regular intervals so that it doesn't become stale. se the old stuff it in your lawnmower or automobile and eplace it with fresh fuel on a regular basis. It is possible to se solar power to keep your batteries charged but with our limate be sure that you have sufficient capacity to continue to unction during cloudy days.

When it comes to portability think light and small. Your tation doesn't need to be so small that you can carry it on ou back, although that would be optimum, but it should at ast be easily transportable by car. It the entire station can e operated by battery that is a plus. Here is your chance to et that new laptop you have been lusting over! Don't forget look at the obsolete laptops which appear at flea markets s these will work great for packet and are not very expensive. s you add new accessories to your station be sure to keep ortability in mind.

The last, and most important, thing to remember is, be repared! Make sure all of the parts of your emergency acket station work. Ensure that all components of your ower system are in tip-top shape, batteries charged, enerator tuned up, fresh fuel available, and everything ready go. Have a checklist that includes everything necessary for peration of the station so you don't forget anything if you eed to move to another location. Practice putting the whole ning together and operating it so your are familiar with all hases of deployment and use. Above all else be prepared to rovide for yourself and your family. You won't be much good the community if you are looking for food and water for ourself. Get the Red Cross guide to emergency reparedness and follow it.

There are many other things which the Radio Club of acoma needs to do to provide the infrastructure for mergency packet communications such as emergency bulletin boards, and digipeaters. The packet committee is beginning to look at these items and welcomes your suggestions and participation in this effort. No one knows if and when a disaster will occur but if we all work toward emergency preparedness we can be ready when the unthinkable happens.

The next packet meeting is scheduled for 7:00 PM on Tuesday, March 21, 1995. I hope to see you there.

A.R.O.W.S.

Tressie KC7BAL
A.R.O.W.S. President

Hello again from the AROWS group!

First of all we must take this opportunity to thank all of you for participating in our recent Food Drive. It was a great success. All of the gatherings were taken to the Salvation Army Food Bank and they were very appreciative. It's really great to see so many people reaching out to help others in need. Pat yourselves on the back!

Thanks to Beverly Weitzenhoffer, wife of Mark, KC7FAA, Laura Nelson, KC7CQU, Marylee Shimmin, wife of Bill, W7GBC, and Sue Baldwin, KC7AVS for providing cookies for the last two meetings.

The ladies met at the clubhouse Wednesday, February 15. At this meeting we again discussed coming events, including our projects of assisting the Radio Club of Tacoma at Field Day and the Flea Market, and some "fun" activities we all will enjoy in the year ahead.

At the last two meetings we sold tickets to raffle a Gruen wristwatch, donated by Luis Torres, AA7WE, and a Radio Club of Tacoma T-shirt, donated by AROWS.

The big winners were Jean Treloar, KB7SVX, who won the watch, and Bob Hagar, KI7HW, who won the T-shirt. The money generated from this and future raffles will be used for scholarships

Our next meeting will be held at the home of our President, Tressie, KC7BAL on Saturday, March 11 at 2:00 PM. This meeting promises to be fun as it will be a "bring a dessert" meeting. Each person attending is asked to bring a desert and the recipe. **We encourage all ladies to attend.**

de Judy, AJ7R

Slivers & Splinters

Lorna, KB7YTJ, and Bill, N7TEQ, seen working on getting names of those interested in working the rigs and/or helping with setup stations on the USS Missouri commemorative station on September 1st and 2nd. Dick, W7RGD, seen making plans to work on some projects with the club. Great to have you with us, Dick.

Mike, WB7DFQ, seen working on a computer database for club committees and activities.

Mark, KC7FAA, seen starting back to work on a part-time basis after surgery. Mark, it sure is nice to have you back on your feet again. Ken, KA7CZA, seen sending code at the club HF station. Great to have that nice fist really getting out. Joe, KA7DCX, heard acting as net control on the 147.28 repeater after the Tacoma Quake. Thanks, Joe; it sure put us all at ease.

Ralph, KA7FIG, seen riding his Honda all over the Northwest during our nice weather. If we hang on, can we ride on the back? Bill, W7GBC, seen getting a tan in Hawaii. Bill, you sure know how to live.

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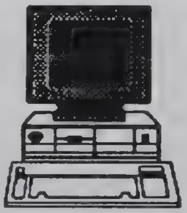

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Amateur Radio Exams in the Puget Sound Area as of December 26 1994

st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, Kirkland - Contact Brian Wood, KF7QF, 481-2361, Bothell

st Saturday - 10 AM - North Seattle Comm. College, Rm 3343, 9600 College Way N. - Contact Mike Mitchell, W7WHT, 282-1438, Seattle

st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, Kent - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

nd Tuesday - 6:30 PM - Everett - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

nd Tuesday - 6:30 PM - Burley - Burley Bible Church - Contact David Brooks, N7HTK, 876-1399 (between 9 AM and 3 PM), Belfair

nd & 4th Thursdays - 7:00 PM - Ft. Lewis Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

nd Saturday - 10 AM - Tukwila - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

rd Tuesday - 7 PM - Auburn - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

rd Saturday - 9:00 AM - Ferndale - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

rd Saturday - 1 PM - Renton - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

rd Saturday - Sultan - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

rd Saturday - every 4th month - 9:30 AM - Aberdeen - Pearsall Center, 2109 Sumner Ave - next session - September 17 - Contact Nick Bender, NX7W, 249-4671, Montesano

th Tuesday - Stanwood - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

th Wednesday - 6:30 PM - Everett - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

th Saturday - 10 AM - Marysville - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

th Saturday - 9:30 AM - Bremerton - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

emiannually - Saturday - 9:30 AM - Olympia - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

larch 25 - Saturday - 10 AM - Radio Club of Tacoma Clubhouse, 1249 S. Washington St, Tacoma - Contact Jerry Seligman, W7BUN, 845-7652, Puyallup

lease send updates to: Jerry Seligman, W7BUN, 12306 0th Ave East, Puyallup, WA 98373 - Phone: 845-7652

rd Thursday - 7 pm - Packet meeting at the clubhouse.

W1AW seen working on a special event station to ommemorate the first transatlantic wireless communication. The omplete station, original in every respect, is being built for the vent.

W7DK HF Station

de Brian KA7KUZ

As I began to formulate what I was going to say this month, I came up with something a little off the subject of the HF station. However, it needs to be shared in any event.

A few months ago I began assuming the duties of HF Station Manager and also as a Board Member of the Radio Club of Tacoma. These duties I have happily accepted as being a chance to make a positive difference for this club, the community, and for myself. I began to ask myself "What is the Radio Club of Tacoma?" What I came up with is that the Radio Club of Tacoma is a dedicated group of volunteers promoting Amateur Radio through community involvement, education, and the desire for self improvement. The key words here are "dedicated group of volunteers" which is the very foundation of this club. Every day you will find members volunteering to fix or improve the clubhouse, provide training, attend events and meetings, sweep the floor, or make coffee. In short, without your volunteer efforts, this club would not be.

Imagine for a moment what this Club would be like if each member volunteered to do at least one thing in the next year. Many of you are probably saying "Oh great now he wants some work from us." Actually that is the furthest thing that I'm asking of you. Volunteering for the Radio Club of Tacoma can be as simple as attending an event such as, W7DK at the Lake or the Beach; coming up to the HF station for a few hours and working a contest or making a few contacts to add to the log; or taking the time to tell some of the younger hams about the early days of amateur radio, the Radio Club of Tacoma, and some of the old time gear. Of course there are the perpetual things that need fixing up or repairing at the clubhouse that are also greatly appreciated if that's the thing you like to do. Still you say you have nothing to offer. Consider making a donation to the club. Ten dollars or the price of one pizza over the course of a year will go a long way in keeping up the repeaters, obtaining parts and materials for the upkeep of the clubhouse, or furthering the scholarship fund.

So I would like to ask that each of you consider what you can do for the Radio Club of Tacoma. Imagine how much different this club would be with just a little bit of your effort or participation. I'm trying to do my part to make a positive difference for the club but it can't be done without the volunteer efforts of **all** the members. This is a great club, let's make it **FANTASTIC! 73**

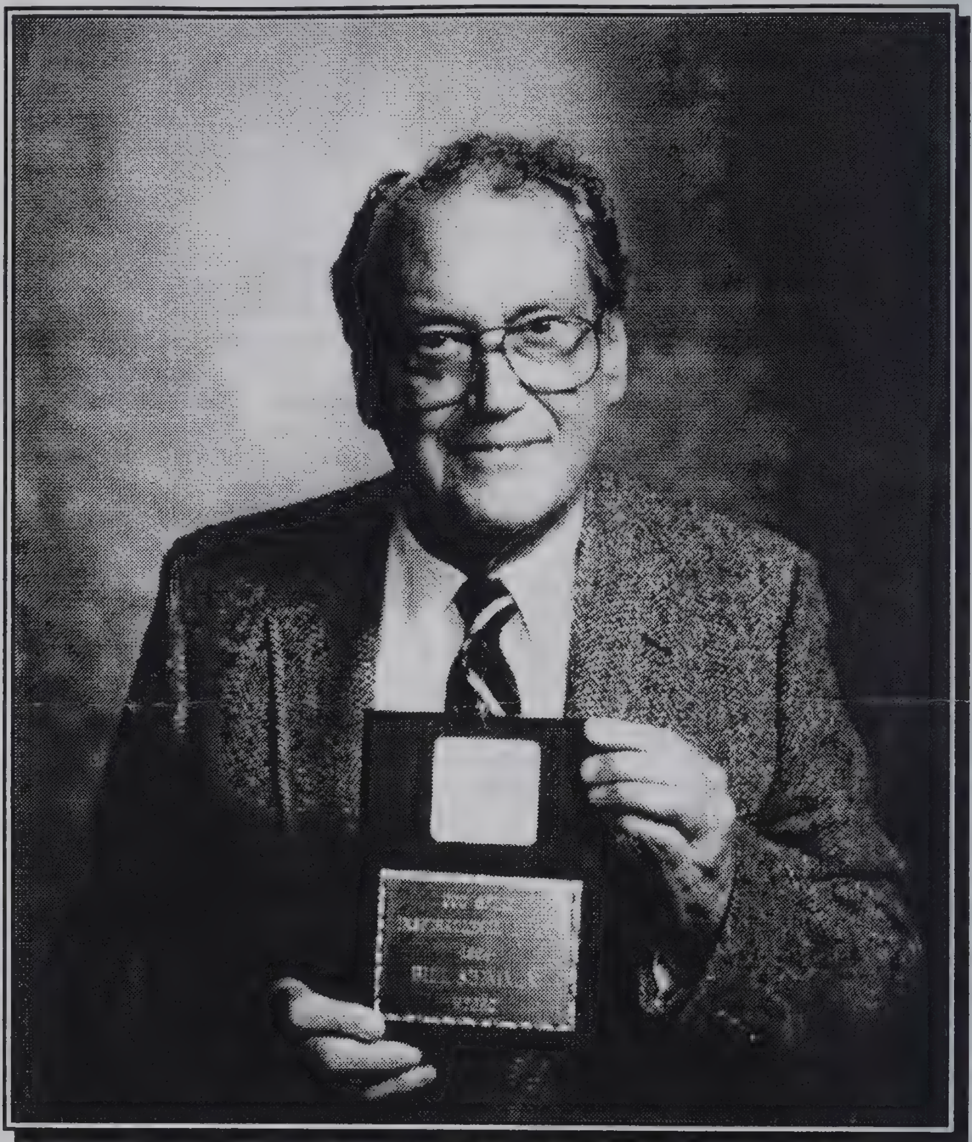
February 6th License Exam Session Brings 48 Candidates

23 students from the Monday evening Novice/Technician Class course took their Novice written examinations as the first step towards gaining their Technician license, and 16 students from the Thursday evening General Class course sat for their General written examinations. 66 different exam elements were taken with 50 passing for a pass rate of 76%. New licenses earned were: Novice - 2; No-Code Technician - 7; Technician Plus - 3; General - 1; and Advanced - 2. The next examination session at the Clubhouse will be at 10 AM, Saturday, March 25th.

"Doc Spike" Inspirational Award 1994

Since 1974, the "Doc Spike" Inspirational Award has been presented annually to members of the Radio Club of Tac who through their enthusiasm, devotion, and actions have done the most to promote amateur radio, ensure the suc of the club, and best emulate the first recipient, Dr. Clifford J. Spike, W7OS.

Each year, past recipients of the award nominate and vote for the person of their choice to receive the award. For 1 the "Doc Spike Award" is awarded to:



Bill Shimmin
W7GBC

Bill has shown great enthusiasm for amateur radio and the Radio Club of Tacoma. He has provided service t community through his participation in ARES and MASS by helping to provide communication for many public se events and emergency communications as a hospital staffer for disaster drills and/or events. In addition, a great d volunteer time and effort is spent supporting the Club and Amateur Radio as a Volunteer Examiner. He has always there without question whenever needed.

He has been a faithful mentor, leader, and teacher for new amateur radio operators in the community for years. outstanding patience, kindness, caring, and friendship are evident in that ever present smile on his face. Betwee 100 new amateur radio operators are licensed in this community each year due to the direct efforts of this Doc recipient as one of our instructors for the Club. He has been the Education Coordinator for the Club for several and is currently the Vice-president of the Radio Club of Tacoma.

He has truly been an inspiration to others in the club. In grateful appreciation, the "Doc Spike" Inspirational Award fc 1994 is presented to Bill Shimmin, W7GBC.

On February 25, 1995, W7DK honored members who have contributed significantly to the day-to-day operation of the Club. Here is the full list of honorees:

George Abbott, WA7BHH	Many Hours on Packet Station
Alan Allen, N7EAY	Vice President, Teaching, Flea Market
Joey Allen, KB7UXC	Lots of Time and Effort
Al Ambrogio, WA7DUK	Repairing Club Generator
Eva Anderson, WB7QNS	All Around Sunshine, Club Phone Calls
Frank Billington, KG7HB	Help with Copy Work/Computer Donations
Andy Braaten, KB7DOX	Election Committee, Flea Market
Trent Bronson, N2OBM	Antenna and Tower Work
Bill Brown, N7TEQ	Photos, Security for Flea Market
Ted Burford, KC7CAX	Resident Photo Expert
Al Burleson, KC7DDA	Replacing Heater in HF Station
Ron Chudy, WA7UQV	Field Day Operations
Mike Compton, KB7ZDR	"Zebra Doctor Repair Extraordinaire"
Mike Crawford, WB7DFQ	Packet Chairman
Sally Crawford, KB7PKJ	Selling Tickets at Field Market
Bob Churchward, W7RXS	Keeping the Clubhouse Standing
David Dodd, WB7AUJ	Field Day Chairman, Contest Chairman
Les Fries, KA7MYU	Setting Up Lights for Field Day
Marie Fuller, KA7HEG	Working on the *Bark*
Ralph Fuller, KA7FIG	Editor of the *Bark*
Denny Field, KB7NAG	Board, Saturday Host, Librarian
Russell Foster, KB7UXK	Mother's Day Breakfast,Packet Field Day
Worth Gurley, W7WG	Antique Wireless, Election Committee
Jerry Hathaway, K7ETU	QSL Manager
Bob Hagar, KI7HW	Erection of Antennas
Alan Hughes, KB7SVU	Chairman 1994 Flea Market
Tressie Hughes, KC7BAL	T-Shirt Sales/Raffle for Flea Market
Art Ives, AA7EO	Great Helper and All your assistance
Link Jackman, N7CEO	Antenna Wars Best of Show
Larry Kirkegaard, KC7YT	Bringing Power to Field Day
Jim Kirkreit, K7YLM	President
Judy Kirkreit, AJ7R	Flea Market Food, *Bark* Preparation
Rob Lee, K7TGU	Curator of Antique Museum
Rich Manson, N7ANF	Board, Mother's Day Breakfast
John "Mac" McAllister, W7MSR	Technical Communication, Board Member
Bud Mitze, KC7AVT	Chairman Outdoor Training Events
Shirley Murphy, N7QHW	Secretary, *Bark* Parties
Kathleen Nace, N0EYK	Board, Setting up WW Fair Booth
Roger Nace, N7AYC	Chairman Long Range Planning
Lorna Nelson, KB7YTJ	Operating on Field Day
Scott Ojala, KC7BAE	Phone 15 and 10 Mtrs. Field Day
Don Olson, AB7DS	Food Transportation, Antenna Team
Marilyn Olson, KJ7BN	Nomination Committee, Food Preparation
Nick Olson, N7BCV	Compositor of *Bark*
Barbara Osborne, W7UYL	Loggers Certificates, Endorsements
Mac Parks, W6NBD	Antique Wireless Station
Ray Pedersen, W7KFN	Help on Bylaws Committee
Ric Pradel, N7UFB	Erection of Towers for Field Day
Harry Price, KB7JQM	Loan of Trailer for Field Day
Veda Puvogel, KC7BMP & Steve Puvogel, KB7YCJ	Loaning Van for Field Day
Dick Ryan, W7RGD	*Bark* Labels, Maintaining Roster
Jerry Seligman, W7BUN	Training, Treasurer
Bill Shimmin, W7GBC	Training
Lou Simmons, KB7WDB & Nora Simmons	Flea Market Signs
Les Smith, KC7BYN	Novice Station on Field Day
Brian Spindor, KA7KUZ	HF Station Manager
JM Spindor, KC7DKH	Flea Market Signs and Food Prep.
Hal Stahlhut, W7EC	Antenna Design and Testing
Edith Strong, KB7KSY	Many hours at WW Fair
Dick Strong, KB6PWR	Many hours at WW Fair
Bud Thompson, N7FQR	Coffee at Meetings
Margaret Thompson, KB7WYK	Flea Market Snack Bar
Robert Tilley, KB7NBQ	Antenna Wars II
Mike Treit, KB7QOP	Outdoor Training Sessions
Randy Treit, KC7AVA	Novice Station at Field Day
Jean Treloar, KB7SVX	Outdoor Training/"Green Machine"

You're A Dupe

de David, WB7AUJ

Have you ever been listening to a contest and hear someone say, "YOU'RE A DUPE"? Well this is not derogatory comment. It means the person calling the station was a duplicate contact.

During Field Day and most contests, you may work another station only once on every band that you are operating on (e.g. 10, 15, 20 meters). There are a few like Sweepstakes, where you can work a station only once during the contest.

When you've worked several hundred stations during the course of a contest, it becomes impractical to scan the log to see if you have worked a station before. So how do you keep track of who you've worked? It's called a 'Dupe Sheet'. It is table maintained to quickly lookup whether you have worked another station or not.

As you know, Amateur calls are made up of a seri letters (called the prefix), a number and another seri letters (called the suffix). We can use this knowled organize our table. Down the left hand side of the pag the numbers 1 through 0. Across the top are the lett through Z. We use the number and the suffix for look- the table. For example, if you worked Denny, KB7NAG contest, you would go down the left side to seven and across to the letter N and enter KB7NAG. If you w Trent, N2OBM, you would go down the left side to tw across to the letter O and enter his call.

If you heard Tressie, KC7BAL, calling CQ, you wou down the left hand side to seven and then across to the B and look for her call. Sure is a lot faster then lo through 10 pages of log to find out if you had worke already.

	A	B	~~~~	N	O	~~~~	Z
1							
2					N2OBM		
~~							
7		KC7BAL KC7BMP		KB7NAG			
~~							
0							

In a multi-operator (more than one person participating at a given station) contest such as Field Day, we use teams of two people at each station. One the operator making the contacts and the other to maintain the 'Dupe Sheet' which we affectionately call "The Dupper". Anyone who can write legibley and preferably is not dyslexic (No slam intend those of us who are) can be a 'Dupper'. Even you. S time a sheet is passed around for a contest or Field Day, be afraid to put you name down. **YOU ARE NEEDED!!**

Club Badges

Club badges ordered by members are brought to all Club meeting by the Treasurer. Some of these have been ordered as long as a year ago. If your badge is among these listed, please make arrangements to pick it up.

Betty, KC7ACY
Jack, N7WOI
Al, N7ZNL
Bret, AB7AI
Herb, KC7BAA
Morel, KC7FCI
Jeff, KF7FR
Claud, W7HKB
Dennis, KA7IIV
Bill, W7IJ
Betty, KB7OXG
Bill, KB7QDJ
Frank, KB7RYS
Ken, KB7SOU
Roger, KB7UGA
James, N7WGH

Amateur Extra Class Workshop Offere

An Amateur Extra Class workshop will be held Thursday evenings beginning May 25th at 6:30 P you're an Advanced or have passed the Adv exam, and need some help to pass the written Am Extra examination, contact Jerry, W7BUN, at 845- to register. The ARRL Extra Class License Manu be used as the study guide, and will available a class.

Address Changes

If you change your address, don't forget to noti club immediately. The Post Office will not forward *Logger's Bark*, but instead returns it with $.50 due. members who notify the Post Office that they w "temporarily away" will have their Bark returned t Club. Each month as many as 6 to 10 Bark returned; members don't get their Barks and the loses about $50 a year. Call Dick, W7RGD, 627- or Jerry, W7BUN, 845-7652, to report any chang address, phone number, or call sign. Thank you!

Code Practice: On The Air!

de Mike, KB7QOP

The lonely hiss and crackle of atmospheric noise mixes with the quiet hum and murmur of the radio, while the patter of rain can be heard lightly upon the roof above. The shack is warm, comforting. An open spiral notebook sits alongside a freshly purchased ARRL logbook, and the discarded envelope rom the FCC lies to one side. The nervous fingers of a brand new ham slowly rotate the radios VFO knob, searching, searching. The digital display comes to rest, the fingers reach out and pull the freshly polished straight key forward. For a few brief moments, there is only silence. Then, tentatively, a few letters are produced. QRL? The silence echoes, the background noise goes unheard. There is no response. Slowly, shaking with apprehension and excitement, a call is made. CQ..CQ..CQ..DE..KB7QOP..KB7QOP..K. Another eternity of silence, and then: something!

As a steady stream of Morse code pours forth from the void of light, a state of near panic is achieved by the worlds most nervous ham. The sounds from the receiver make no sense, for a moment. Then, as the pencil scribbles in frantic haste, words are formed: GE OM, ES NICE TO MEET YOU. With those simple words, the envelope of self doubt is destroyed. Suddenly, there is confidence. The noises coming from the speaker are no longer mere sounds, hey are the voice of a new friend.

Two years ago, that nervous ham was me. After I eceived my novice ticket I was ready to conquer the world. Nothing, however, made me quite as nervous as hammering out that first CW contact on 80 meters. It is one thing to be ble to copy code to pass a test, it seems quite another when our first throw your call out into the ether. And I will contend hat there is nothing more exciting in the world than hearing our call coming back to you, and realizing it for the first time. Morse code is a truly exciting and fun way to communicate, and if you haven't at least tried it you are missing out. For hat reason I jumped at the chance to help Jim, K7YLM, with ending on-the-air code practice.

For the past month we have been on the air every Tuesday and Thursday nights, chatting and having a great me while providing you with what is, we hope, quality training n Morse code. As many of you know, our practice sessions un from 6:30 to 7:15 PM on both nights. We have adopted a ormat of slowly increasing and then decreasing the code speed, a technique that has proved to be an effective way to uild up both speed and confidence.

Tuesday evening our practice is sent with an 18 WPM haracter speed, at a maximum of 13 WPM. On Thursday ights we increase the character speed to 20 WPM, and our ocus is on those wishing to achieve that 20 WPM goal. Well, has to be pointed out: this isn't just for the 'fast' guys. When ou think about it, the character speed is a mere 2 words per minute faster. As a matter of fact, copying material that is aster is great code practice, as it really makes the slower peeds feel like a piece of cake. Don't be intimidated by the erm 'Extra'. This isn't 'Extra-class' code, it is Morse code, lain and simple. 20 WPM is not some unreachable speed eserved for the upper echelons of ham society. Rather, it is a lightly faster version of the same code that is being sent on uesdays. As long as you get in there and do it, your speed *is* oing to go up. Just ask anyone who's ever tried a CW ontest: by the end of the contest it's not uncommon for eople to increase their speed by 5 WPM, or more!

The best reason to tune in is this: it's just plain fun! So ar, Jim and I have had been getting lots of positive feedback, much of it from people who were uncertain of what to expect. Well now they know and I think we've got them hooked. So rop on by 28.339 or 147.470 MHz and listen in! We're going o have a great time and I'm sure you will too.

Vibroplex owner, Mitch, WA4OSR

The oldest name in amateur radio has been acquired by Mitch Mitchell, WA4OSR of Mobile, Alabama. He is the first ham to own the company. Vibroplex will be moving all of its operations back to the South where its roots began. All current Vibroplex products, including the original Bug, the lambic, the Vibrokeyer, and the Brass Racer keys will continue to be produced.

The Vibroplex name is older than amateur radio and has come to represent one piece of equipment in the ham shack that symbolizes the interest, camaraderie, and esprit de corps of the world wide ham radio community.

He intends to continue the unmatched Vibroplex quality, feel, simplicity and performance. Be watching for new products in the future.

For Sale

Kenwood 520 SE

Full Station Includes: Desk Mike, Antenna Tuner, Vibroplex Key, Sigma Power Meter, Low Pass Filter, Original Manuals and Boxes

$450

Call Steve, KB7YCJ, 893-5676

20 Years Ago - March 1975

Hamfair-75 chairman Clay Freinwald WA7WMC (now K7CR) is making plans for the annual RCT Hamfest. Washington Governor Daniel J. Evans signed a statement declaring June 22-29, 1975, Washington State Amateur Radio Week. 56 members attended the annual banquet last month. The Inspiration Award for 1974 went to Doc Spike, W7OS, who has been an active amateur since May, 1915. A questionnaire in the *Logger's Bark* asks members their opinions on FCC Docket 20282, which would restructure the Amateur Radio Service.

MIKE & KEY AMATEUR RADIO CLUB

ANNOUNCING THE 14th ANNUAL MIKE AND KEY AR ELECTRONICS SHO & FLEAMARKET

MARCH 11, 1995 @ 9AM
PAVILION EXHIBITION HALL
WESTERN WASHINGTON FAIRGROUNDS, PUYALLUP, WA
ADMISSION - $5 (UNDER 16, FREE w/ADULT)

TWO FLOORS WITH 44,000 Sq FEET OF EXHIBITION ARE
TALKIN 146.82/22 (PL 103.5) & 146.58 SIMPLEX
RADIO GEAR * COMPUTERS * CLUB INFO * PARTS
SNACK BAR * FREE PARKING * LICENSE EXAMS
CONSIGNMENT AREA * OVERNIGHT SC/RV's OK

RADIO CLUB OF TACOMA
MINUTES FOR REGULAR MEETING
January 25, 1995

The meeting of the Radio Club of Tacoma was called to order at 7:35 P.M. by President Jim Kirkreit, K7YLM with 98 members and 6 visitors present. A quorum was present for conducting official business.

NEW MEMBERS: Certificates were presented to L. J. Hirn, N7CJY; John Black, KC7FBE; Wayne Olson, KC7QMN; Dustin Rollins, KC7EFA; Steven Bowhey, NL7LD; Jerry Nelson, KC7DRE and Katrina Holwege, KC7GQB. Certificates were available for Nancy Horbul, KC7EBG; Brian Lee, KC7FAE; Frederick Richardson, KC7HFO; Chris Richardson; Dan Nelson; Scott Moller, KC7HII; Tom Sanders, W6QJI, and Morel Guyot, KC7FCI.

FIRST CONTACT AWARDS: Certificates were issued to Julie Yonkers, KC7IBH, and Lance Yonkers, KC7IBG. Certificates were available for Cully Woods, KC7FBS, and Mark Kreely, KC7IBZ. Jerry, W7BUN, says if you are the first contact for a new ham, let him know the call and name and he will make up First Contact Certificate for you.

LOGGER CONTACTS: Logger Endorsements were presented to Guy, KC7AIW, and Bob, N7QOZ.

UPGRADES: Roxann, KJ7BQ, upgraded to extra class.

TREASURERS REPORT:

GENERAL FUND CHECKING	2,248.85
REPEATER FUND CHECKING	1,529.78
PACKET FUND CHECKING	311.94
FLEA MARKET CHECKING	525.00
MONEY MARKET SAVINGS	11,580.45
SCHOLARSHIP WORKING FUND	100
SCHOLARSHIP MEMORIAL FUND	2,571
CASH ON HAND	0
TOTAL ALL ACCOUNTS	$18.867

MEMBERSHIP: 297 members as of this date for 1995

MINUTES: Previous minutes were available at the front o room.

MT. ST. HELENS: Ralph, KA7FIG said a letter is being prep for the Mt. St. Helens Monument Committee who will decid the possibility of a May 18th anniversary event, including sp call signs, etc.

ICOM AMERICA: Ralph also congratulated Jerry, W7BUN thirty years of arranging programs for RCT meetings welcomed Alan, N7EAY as new program manager. announced ICOM America will do a program in the near f using a spectrum analyzer for our radios, possibly display equipment and help us program radios we already have. also will have a tour of ICOM for RCT members in May. Da be announced.

BATTLESHIP MISSOURI: There will be a meeting at the clubhouse Saturday, January 28, at 10:30 A.M. with N. K Radio Club and other Northwest clubs discussing the Sept. 1 2 anniversary event of 50 years of peace with Japan. announced James Dalton, Sec. of Navy on January 12, 1995 the Missouri and three other battleships off the active roster. T was concern this might interfere with the event; however, at time it appears the Missouri will stay in Bremerton thr September 2.

HEALTH & WELFARE: Lois Graham, WB7QME, is now a s key.

IINTS & KINKS, TUNING AND TRAFFIC, ETC.: Jim, K7YLM, assed out a reprint on "The Beachside 2-Meter Beam" and Mike, .B7VNT, reports contacts with TG8, 9G1 and KK6NN eronautical mobile off the coast of Iceland.

NTIQUE WIRELESS: Worth, W7WG, reports they made ontact recently with a ham in eastern Washington, Cormac, /7ACA, who was also using vintage gear, a Globe Chief and a ystal controlled receiver.

ROGRAM: Jerry, W7BUN, introduced Jim, N7TKA, who gave a ost interesting program on the Evergreen Intertie. He passed ut copies of operating instructions and codes and covered in reat detail its use. It is an interconnected group of amateur radio epeaters located in the Northwestern United States and Western anada. FM repeaters operating in the VHF and UHF bands are terconnected (linked) by full duplex UHF radios. The network is pen to all licensed amateurs, and access codes are available.

ACES/ARES: Shirley, N7QHW, announced they still need lots volunteers for the simulated earthquake preparedness exercise pril 26/27. This drill will run day and night and staffing is needed r fire stations, shelters, police areas, etc. for all hours. To help ease contact Shirley or Dave Brinkman, N7UNN, or Department Emergency Services directly. We still need a coordinator for /7DK Official Emergency Station. If a volunteer is not found by e first of February, Shirley will be contacting YOU!

ICKEM STICKEM PARTY: Will be held Monday, January 30th RCT clubhouse at 10:00 A.M. Shirley furnishes donuts. Come nd find out how much fun we have.

OOD DRIVE: Marilyn, KJ7BN, announced the whole month of nuary and up to and including the February 8th meeting the ROWS will be collecting food and non-perishables for those less rtunate than ourselves. Come on, let's make this a real ccess. Leave donations at the clubhouse, or give to any ROWS member. Thanks for your support.

ROWS: Tressie, KC7BAL, invited all females to attend the next eeting at the RCT clubhouse 7:30 P.M. Wednesday, February 5th. We are planning activities for the coming year and need our input. The ladies are also raffling a beautiful man's watch, onated by Luis, AA7WE, and a RCT T-shirt. Ticket donations e 50 cents each or 3/$1.00. The drawing will be next meeting, ebruary 8, and you need not be present to win, but keep your cket stubs, as there are no names on the tickets. In the event e winner is not present, the ticket number will be published in e next *Loggers Bark*.

CT AWARDS BANQUET: Brian, KA7KUZ, and JM, KC7DKH, e selling tickets for $15 each for the banquet to be held at acoma Elks 7:00 P.M. February 25th. If you don't see them at e clubhouse or a meeting, send a SASE with your check to their ome address and they will mail your tickets.

ATURDAY BREAKFASTS AT MC CHORD AFB: Jim, K7YLM, vited all club members to join us at McChord Northwest onnection each Saturday at 8:00 A.M. Good food and pleasant onversation are yours at a most reasonable cost. Remember ehicle registration and proof of insurance is needed at the gate.

LUB PHOTOS: Photos taken by Ted, KC7CAX, were available r approval by members. These belong to the club for our storical records but reprints or retakes are available. Just ontact Ted.

OOKIES: Sincere thanks to Lorna, KB7YTJ, and Mark, C7FAA, for bringing cookies for this week's meeting.

ARNING: It has been advertised in the paper and news that dios are being stolen at many airports and Dan, N7QWH, arns us to be careful in protecting our gear.

ROGRAMS: Alan, N7EAY, announced Tom, W6QJI, will have reschedule his Radio Myths program to another date. Also, ario, KD6ILO, will be leaving for Cuba soon and will have to schedule his program on setting up all modes of emergency ommunication. Russ, KB7UXK, will talk on connecting with the IR Soviet Space Station and the shuttle on February 22. Alan encourages all members to get involved in Field Day June 24 and 25 and join us in earlier preparation and organization. He also announced we will again have a booth for advertising our club at the Mike & Key Flea Market March 11.

HAMFAIRS: Jim, K7YLM, encourages as many as possible attend the Salem Hamfair on February 18th and Vancouver Hamfair February 19th

DXPEDITION: Javier, HR1JPT, spoke on a recent DXpedition to an island 150 miles off the coast of Honduras. Seven people with 5 radios and various supplies set up on the smallest key 20 ft. wide and 200 ft. long. They had their best contacts during the day and in 3 days there made 3000 contacts.

VE TESTING: There will be testing at RCT clubhouse at 6:00 P.M. February 6. Also, following a four-week advanced class on Thursday evenings, there will be testing March 25 at RCT clubhouse.

CODE PRACTICE: Jim, K7YLM, and Mike, KC7QOP remind everyone of their QSO-type code practice running for two months on Tuesday and Thursday nights 6:30 PM to 7:15 PM. This will begin February 7th and will run simultaneously on 147.47 simplex and 28.339 MHz. Tuesdays will be for general code and Thursdays will be extra. "Ride along with us", they say. They GUARANTEE success.

W7DK AT THE BEACH II: Sharpen up those antenna designs because Antenna Wars 2 at Owen Beach will arrive sooner than you think. This year again other clubs will be invited to participate. There will be prizes in 2-mtr. and HF antenna designs. Watch for the date to be announced.

HF STATION: Brian, KA7KUZ, announced we were given a dual band antenna and tower. The tower needs sandblasting and painting. Your help would be much appreciated.

PACKET: Mike, WB7DFQ, announced the next packet meeting will be Feb. 16th at 7:00 P.M. It will be "Bring it down and we'll make it work" night so bring your packet gear with you if you need help and we'll get it running. In the near future there will be a TCPIP demonstration/presentation.

The meeting was adjourned at 9:25 P.M.

Respectfully submitted,
Judy Kirkreit, AJ7R, RCT Secretary

RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
FEBRUARY 1, 1995

The meeting of the Board of Directors of the Radio Club of Tacoma was called to order at 7:30 PM by President Jim Kirkreit, K7YLM, with seven board members and nine guest present. A quorum was present for conducting official business.

TREASURER'S REPORT:

General Fund Checking	2,587.94
Repeater Fund Checking	1,565.78
Packet Fund Checking	347.94
Flea Market Checking	525.00
Money Market Savings	11,580.45
Scholarship Working Fund	100.00
Scholarship Memorial Fund	2,571.64
Cash on Hand	0.00
TOTAL ALL ACCOUNTS	$19,278.75

MINUTES:

The minutes of the January 4, 1995 Board meeting were available.

Total membership for 1995 as of today is 317.

CORRESPONDENCE: A letter was received from Vibroplex stating that the company has been acquired by Mitch Mitchell, WA4OSR, of Mobile, Alabama. All current products will continue to be produced.

We received a letter from Kenwood inviting us to contact special event station K6AA commemorating the 50th anniversary of the Angels Gate tugboat February 3-5, 1995.

Included in this mailing was the announcement of a Winter CASH BACK promotion by Kenwood. This letter will be posted at the clubhouse.

A letter was received by the WWARA regarding their first annual Repeater Frequency Directory available retail for $8.95 but only $6.00 for club members, with a minimum of five orders. Interested members should contact the secretary, Judy, AJ7R.

We received a letter from Gene Dodge, W7BTV, who states that he and others inducted into the Radio Club as honorary members received a beautiful certificate to hang on the wall but no wallet sized card to carry which identifies them as members. He asks that the board consider providing a card for such members. Jerry, W7BUN, will look into this matter.

Jim, K7YLM, asked for Board participation on larger coming events and asks at least one Board member to have an overview of each upcoming event or activity. This does not mean they will be chairman of the activities and functions, just that they will be the overseers. Volunteers are as follows:

DK at Pt. Defiance - Alan, N7EAY
RCT Annual Banquet - Brian, KA7KUZ
DK at the Lake - Alan, N7EAY
DK at the Air Base - Jerry, W7BUN
Field Day - Alan, N7EAY
Outdoor show and tell activities - Jim, K7YLM
Missouri Program - Brian, KA7KUZ
Mt. St. Helens Program - Jim, K7YLM
Flea Market - Alan, N7EAY
Emergency activities - Brian, KA7KUZ; Shirley, N7QHW
Net activities - Alan, N7EAY
Museum activities - Mac, W7MSR
Antique Wireless - Mac, W7MSR
Donations - Jerry, W7BUN

After much discussion about our position as an official emergency station, Jerry, W7BUN, made a motion that we have Brian, KA7KUZ, and Shirley, N7QHW, set up a short and long range plan on how W7DK will operate in an emergency situation and then bring that plan back to the Board. Seconded by Alan, N7EAY. **MOTION PASSED.**

Shirley, N7QHW, suggests that perhaps, with all the events scheduled for the coming year, we occasionally replace one of the monthly meetings with an outdoor event. This met with approval from the Board.

FIELD DAY: Mac, W7MSR, made a point that W7DK always approaches Field Day as a contest. He thinks the emphasis should be on honing our ability at reacting to emergency situations. Alan, N7EAY, says he is working on involving as many people as possible in Field Day. Jim, K7YLM, will also work on this.

MISSOURI PROGRAM: Lorna, KB7YTJ, gave an overview of the project. She and Bill, N7TEQ, have agreed to be the liaisons for the Radio Club of Tacoma. She will submit an article to the *Bark* updating the membership on this project and sign-up sheets will be available at the meetings.

MT. ST. HELENS ANNIVERSARY: Ralph, KA7FIG, said that he has petitioned for an application from the Mt. St. Helens Monument Committee for us to operate radio stations on the 15th anniversary of Mt. St. Helens on May 18th and asked if the club would like to do this. After much discussion, Brian, KA7KUZ, made a motion that we operate W7DK at a portable position on or near the anniversary date to commemorate Mt. St. Helens. Alan, N7EAY seconded the motion. During the following discussion it was suggested that instead of making this another big club activity, just those members interested take part. At this time Mac, W7MSR, made an amendment to the motion stating that we support any members who care to participate. Motion seconded by Jerry, W7BUN. The amendment **MOTION PASSED.** Then the entire amended **MOTION PASSED.**

FLEA MARKET: Alan, KB7SVU, sent the flyer to the printers and will have 4000 printed in bright pink. Jim, K7YLM, will take some to Salem Hamfair February 18 and they will be ready for the
and Key Hamfair March 11, 1995.

LOGGER'S BARK: Ralph, KA7FIG, announced a new dea
for articles for March and April *Bark* of the 16th of the month.

HF STATION: Brian, KA7KUZ, passed out a sheet on Bu
Options for W7DK HF Station. He particularly asked the boa
allow him to purchase an AEA 232 HF TNC which will expan
club station's abilities to work various modes and will allow
participate more fully in emergency situations relaying messa
etc. Jerry, W7BUN, made a motion that we buy the
requested by Brian and any software that may be needed f
Seconded by Shirley, N7QWH. **MOTION PASSED.** Brian
asked permission to purchase a Heil headset. Alan, N7
made a motion we buy a Heil boom mike headset for the
Seconded by Brian. **MOTION PASSED.**

PUBLICITY: KSTW, Channel 11, plans to be at the clubh
Friday, February 3, at 5:00 PM with their camera crew to
some pictures on a follow-up to the earthquake in Kobe an
earthquake here. They want to know what we have do
emergency communications and what we plan to do in the
and they also want to film us in action.

MISSING ITEMS: Mike, KB7ZDR, says there are some i
missing from the club after the move when we recarpeted th
station. A tube tester is missing and some of the an
speakers are missing. It was agreed we should run a notice i
next *Bark* asking if anyone has any information as to
whereabouts.

POSITIONS: Shirley, N7QHW, says we need to appoint a
short and long-range planning chairman; in addition, we ne
new "open house" person. Also, do we have appointed soli
we can refer people to who want to donate? Jim will look int
Mike, KB7ZDR, asked for permission from the Board to dis
of items that are obviously of no value to the Club, as long
checks with Brian, KA7KUZ, the HF station manager, and
K7TGU, the antique wireless manager. He was told co
sense should prevail.

BYLAWS: Shirley, N7QHW, asked Mike, WB7DFQ, to m
report on the status of the bylaws. He said the committe
met twice and basically gone through and incorpo
appropriate changes recommended by the membership.
are currently in the process of pulling things out of the Bylaw
would more appropriately belong in a set of Standing Rules.
plan to present them to the Board prior to the next board me
to be available for vote at that meeting.

PURCHASE: Jerry, W7BUN, made a motion that the
purchase a new white board. Seconded by Shirley, N7Q
MOTION PASSED.

ADJOURN: Meeting adjourned at 10:30 PM.

ATTENDANCE:

President	Jim, K7YLM
Secretary	Judy, AJ7R
Treasurer	Jerry, W7BUN

Board members: Shirley, N7QHW; Mac, W7MSR; Alan, N7
Brian, KA7KUZ.

Guests: Ralph Fuller, KA7FIG; Lorna Nelson, KB7YTJ;
Compton, KB7ZDR; Alan Hughes, KB7SVU; Dan Herm
KC7CUQ; Rob Lee, K7TGU; Al Burleson, KC7DDA; JM Sp
KC7DKH; Mike Crawford, WB7DFQ.

Respectfully subm
Judy Kirkreit, AJ7R, Secretary

RADIO CLUB OF TACOMA
MINUTES FOR REGULAR MEETING
February 8, 1995

The meeting of the Radio Club of Tacoma was called to or
7:35 PM by President Jim Kirkreit, K7YLM, with 91 member
3 visitors present. A quorum was present for conducting
business.

ANNOUNCEMENTS:

- 2/13/95 Tech class begins 6:00 PM
- 2/15/95 AROWS Meeting 7:30 PM
- 2/22/95 RCT Meeting - "Contacting MIR and Shuttle on Packet"
- 2/23/95 Presentation Techniques 6:00 PM
- 3/2/95 Advanced Class 6:30 PM
- 3/8/95 RCT Meeting - "Antennas"
- 3/22/95 RCT Meeting - "Packet Cluster"
- 3/25/95 RCT VE License Exams 10:00 AM RCT Clubhouse
- 5/24-25/95 Field Day
- 8/12/95 RCT Flea Market

COOKIES: Jim apologized for his mistake in not thanking Laura, KC7CQU for cookies at last meeting. For tonight's cookies he hanked Bill, W7GBC; Sue, KC7AVS, and Val, N7VGO.

NEW CALLS AND UPGRADES: Arnold Couch passed his ovice exam and Norm, KC7DCN upgraded to advanced.

HEALTH & WELFARE: Bob, KB7NBQ, was with us after hip eplacement surgery. Marilyn, KJ7BN, said she had just heard rom Dolly and Al, KD6HXI. Dolly is cancer free now and they oth are working and in the process of purchasing their own ome. **We're all invited to visit them in Reno.**

HINTS & KINKS, TUNING & TRAFFIC, ETC.: Jim, K7YLM, handed out a reprint on "Adapting a Mobile Antenna System for Vacation Use".

TREASURER'S REPORT:

General Fund Checking	815.99
Repeater Fund Checking	1,580.78
Flea Market Checking	525.00
Money Market Savings	13,580.45
Scholarship Working Fund	100.00
Scholarship Memorial Fund	2,571.64
Cash on Hand	0.00
TOTAL ALL ACCOUNTS	$19,551.80

MEMBERSHIP: There are 343 members as of this date for 1995.

ESTING: Jerry, W7BUN, announced that at the Monday, ebruary 6, VE testing there were 48 candidates and of 67 elements taken 51 passed, which is a 76% pass rate. Of the hursday night general class 14 out of 15 passed. Of the Monday ight novice class 12 out of 16 passed. He passed out the sign-up sheet for classes and announced a definite Advanced class on Thursdays starting March 2. If anyone wants a technician class, that starts Monday February 6, 6:00 PM for the next six Mondays.

PROGRAM: Alan, N7EAY, introduced Mario, KD6ILO, who presented a program on all-mode emergency communication. He howed us a portable emergency data system, PEDS, which he esigned and assembled. These systems are very lightweight and portable. The system he showed would be set up at the akewood Fire Station in an emergency, since he's the zone 2 Pierce County ARES manager.

USS MISSOURI PROJECT: Lorna, KB7YTJ, had Jim send around a sheet for members to sign if they wish to be part of the project in any capacity.

NEW MEMBERS: Certificates were presented to Werner ennartz, KC7IBP; Arnold Couch; Nancy Horbul, KC7EBG; David Nelson. Certificates were available for Mark Creley, KC7IBZ; Bill Watson, KB7QOJ; and Clifford Ross, KC7CLV.

LOGGERS ENDORSEMENT: A Loggers Endorsement was given to Bob, N7QOZ.

RCT AWARDS BANQUET: JM Spindor, KC7DKH, encouraged members to purchase their tickets for the RCT Annual Awards Banquet at the Tacoma Elks Club on Saturday, February 25, 1995, at 7:00 PM.

CLUBHOUSE ACTIVITIES: In order not to double book the clubhouse for events, anyone needing to use the facilities for meetings, classes, etc. should contact the secretary, Judy, AJ7R, to confirm availability.

Mary Lewis, W7QGP: Our ARRL Affiliated Club Coordinator spoke to us regarding House Bill 1437, the new vanity calls, and the increase in ARRL dues of $1.00 effective April 1st.

REPEATERS: Jim, K7YLM, spoke on his ideas for our repeaters. He said, especially in light of our recent earthquake, he'd like to see more effective coverage for our 147.28 repeater; our 147.38 machine up and running well on a good tower somewhere; a 440 repeater for the club, as we do have a 440 pair; a remote repeater, much like the one Mario demonstrated this evening, which would be very beneficial if all of our systems fell to the ground. He'd like to see power backup on all of our machines where it would switch over in an emergency. Jim asked Mac, W7MSR to say a few words about our repeater systems. He said the 220 repeater is operational and located at his home but doesn't get much use. We do have a 440 repeater, still in need of some tuning, which is destined to be at the clubhouse, and is programmed to be a packet relay repeater.

RACES/ARES: Shirley, N7QHW, said there have been two short searches recently. She also again encouraged members to take part in the Earthquake Preparedness Drill coming up April 26th and 27th, which will run from 9:00 AM on the 26th until noon on the 27th. We will staff five shelters, three law enforcement precincts and also shelters and hospitals. Our main function would be to pass traffic. If you are interested contact Shirley at 265-3661 or the DEM office 591-7470.

HF STATION: Brian, KA7KUZ, announced that at the last board meeting it was approved to purchase a TNC for the HF station and also a professional headset and mike set.

PACKET MEETING: Mike, WB7DFQ, announced there will be a packet meeting at the clubhouse Thursday, February 16, 1995 at 7:00 PM. Members are invited to bring their equipment with them if they're having any problems and the Packet Committee will get it working. Next month's meeting is tentatively scheduled for Tuesday, March 21, 1995, since classes are being held at the clubhouse on Thursdays.

AROWS: Tressie, KC7BAL, announced the next meeting is Wednesday, February 15, 1995, at 7:30 PM All females are welcome. They will discuss events for the coming year.

LICKEM/STICKEM: The next *Bark* Party will be March 1st or 2nd. Definite date will be announced on the RCT net.

CODE PRACTICE: Jim, K7YLM, and Mike, KB7QOP, continue with their code practice on the air on Tuesday and Thursday evenings from 6:30 PM until 7:15 PM. on 28.339 and 147.47 simultaneously. They guarantee improvement in your code.

REPEATER DIRECTORIES: The WWARA is currently selling repeater directories, which will sell for $8.95 retail, to club members for only $6.00. The directory covers repeater frequencies in Western and Eastern Washington, as well as Oregon, British Columbia and parts of Idaho. If interested please contact our secretary Judy, AJ7R, at 927-7825.

FLEA MARKET: Al, KB7SVU, thanked Val, N7VGO, for all his help designing the flyers which are now ready to be passed out. He still needs help with public relations and assistance making signs to be used, showing directions, the day of the Flea Market.

PRIZE DRAWING: The AROWS had their prize drawing for the watch, donated by Luis, AA7WE, and the T-shirt. Jean, KB7SVX, won the watch and Bob, KI7HW, won the RCT T-shirt.

ADJOURNMENT: The meeting was adjourned at 9:30 PM.

Respectfully submitted,
Judy, AJ7R, Secretary, RCT

March 1995

W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1 Board Meeting Club House 7:30 pm. #'HANK'-NK7B # BOB -KB7TL # PEGGY-WB7BJH #'ALF'- KB7QFT Ash Wednesday	2 ADVANCE LICENSE WORKSHOP-Clubhouse # KARL - KI7XY	3 #'BUD'-N7HKS	4 PINOCLB/Potluck Clubhouse 7pm ARRL DX Contest # CULLY-KC7FBS
5 ARRL DX Contest # BILL -W7GBC # RALPH -WM7P #'RAY'- KC7CBM #'JIM'- KC7ETS	6	7 147.28 NET 7:30 PM ------------ ------- #'JIM'- KB7TZ # STEVE-KC7AZW	8 W7DK MEETING Library 112 St.E.& WALLER RD.7:30pm #'JIM'-N7DKI #'LINK'-N7CBO # JOHN -KC7FRL	9 # ROY -N7BXI # LORRI MARTIN	10 # WAGNER-N7COT # VIVIAN HUNTLEY	11 AROWS Meeting KC7BAL's QTH- 2pm MIKE&KEY FLEAMARKET # DAN -AJ7K #'JIM'-N7MEB #MICHAEL-KC7FBF # BETTY-KC7ACY
12 # STAN - N7OAX	13 # GUY - KC7AIW # SHERRY BOWN	14 147.28 NET 7:30 PM ------------ ------- #ANDREW-KB7DOX	15 # DENNIS-N7TZQ	16 #'ERIC'-WA7GHE #'JERRY'-AA7NU	17 # BETTY -N7TEN St. Patrick's 	18 #'BILL'-KC7AKY
19 # GLENN- W7SAB	20 LOGGER'S BARK "DEADLINE" Spring begins	21 147.28 NET 7:30 PM ------------ ------- MVWS VE TESTS #'AL'-K5EAF	22 W7DK MEETING LIBRARY 112 St.E. & WALLER RD.7:30pm #'GORDY'KB7OIM	23 # ALEX -W7AZR # HELEN -W7WRI	24 # BOB -N7AHR	25 LICENSE EXAMS -Clubhouse- 10am #'RICH' KC6STO #'BOB'- KB7UXF
26 # LUCILLE-NB7T # MOREL-KC7PCI	27 LADY'S PINOCHLE CLUB- HOUSE NOON #'BOB'- KI7UU	28 147.28 NET 7:30 PM ------------ ------- # EDITH-KB7KSY # BRIAN -N7UFA	29 ARES MEETING Clubhouse 7:30 #GLENDA TRELOAR #GEORGE-KL7GRL	30 #'LES'- N7QWJ # FLOYD-KC7EEZ #'JEFF'-KB7NHD	31 #'WALT'- W7TOU #'RICK'-KB7TDK	

# Happy Birthday!

Missouri '95 Questionaire

NAME:______________________ CALL:______________

AVAILABLE FOR OPERATING: DAY____, HRS_____, NIGHT____, HRS______

MODE PREFERENCE: VHF ___ UHF ___ HF/PHONE____ HF/CW____ BAND____

PACKET____ SATELLITE____ REMOTE STATION_____

HELP WITH PROJECT OPERATIONS:	YES	NO
EQUIPMENT MAINTENANCE & SET-UP	____	____
ANTENNA MAINTENANCE & SET-UP	____	____
GENERAL ON-BOARD SUPPORT CREW	____	____
STATION TAKE DOWN	____	____
TRAINING PHONE OR CW PROCEDURES	____	____
PUB. REL. CONTACTS- COMMUNITY ORGANIZATION, TV, NEWS, RADIO, OTHER	____	____
CONTACT FOR EDUCATION AWARENESS	____	____
OTHER (SPECIFY)		

RETURN FORM TO:

LORNA NELSON
1002 EAST 62ND STREET
TACOMA, WA 98404

RADIO CLUB OF TACOMA 1995 MEMBERSHIP RENEWAL

me ______________________ Call ____________ Class ______________

evious Call(s) ______________ New Address or Phone ____________________

cupation ____________________ Employer ______________________

e you a member of ARRL ☐ RACES ☐ ARES ☐ MARS ☐ Are you a VE? ☐

interests include: (Please mark at least one response for each activity)

1. I am active in this activity.
2. I have been active, but am not now.
3. I am not familiar with this activity
4. I wish to learn about this activity.
5. I have no interest in this activity.
6. I am willing to teach others.

____HF SSB
____HF CW
____HF Mobile
____SSTV
____ATV
____Construction

____VHF/UHF SSB
____VHF/UHF CW
____VHF FM Mobile
____UHF FM Mobile
____Antennas
____Traffic

____DX
____Computers
____RTTY
____Facsimile
____Teaching
____Field Day

____Contesting
____Certificates
____Satellites
____VHF/UHF Packet
____HF Packet
____EME (Moonbounce)

her Interests ______________________________________

am interested in serving on one or more club committees:

☐ Packet
☐ Flea Market
☐ Field Day
☐ RFI/TVI

☐ Repeater
☐ Training
☐ Antennas
☐ Scholarship

☐ Contest
☐ Museum
☐ Computer
☐ Planning

☐ Emergency Communications
☐ Clubhouse Facilities
☐ Club HF Station
☐ Field Day

her hobbies, expectations, comments ______________________________

Coming Events

March 2 - Advanced Class Workshop starts - Class will meet for four Thursday evenings - Clubhouse - 6: PM - Register with Jerry Seligman, W7BUN, 845-7652.

March 4 - Pinochle/ Potluck 7 PM Clubhouse.

March 4&5 - ARRL DX Contest - Phone.

March 8 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM - Program: Tom Sanders, W6QJI f the North Kitsap Radio Club and "Mighty Mo Guru" will present a program on antenna myths.

March 11 - AROWS Meeting at 2:00 PM at Tressie's, KC7BAL, Home 9312 147th St E Puyallup "Bring a dessert and the recipe."

March 11 - Mike and Key ARC Flea Market - Puyallup Fairgrounds.

March 22 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM Program Former RCT President Freedman, K7JF will present a program :DX packet clusters.

March 25 - License Exams - all classes - 10 AM - RCT Clubhouse.

March 27 - Ladies Pinochle - Clubhouse 12 PM.

April 3 - Novice/Technician class starts - 6 PM - Clubhouse. Register with Bill Shimmin, W7GBC, 584-10

May 18 - Mt St Helens 15th Anniversary Emergency Station Operation - Contact Alan Allen, N7EAY, 475-7431 or Brian Spindor, KA7KUZ, 756-5030

May 25 - Extra Class Workshop starts - To register contact Jerry Seligman, W7BUN, 845-7652.

June 2-4 - ARRL NW Division Convention - Seaside Oregon.

June 24&25 - Field Day - Marymount

Aug 12 - RCT Flea Market - Charles Wright Academy

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

ADDRESS CORRECTION REQUESTED

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THE LOGGER'S BARK
RADIO CLUB
W7DK
OF TACOMA
SPECIAL SERVICE CLUB

OL. XXXII NR.4 W7DK APRIL 1995

From The President

de Jim K7YLM

W7DK Changes The Season

Guess what, gang? It's spring. (We didn't exactly change the season but we might take the credit.) With this in mind, I always get some ideas. I don't have spring fever - I'm too old for that - but when you think about it, we all have been cooped up for the winter. The first events, which I really like, are our outdoor training sessions.

Here is the plan: at every event we will have "Antenna Vars". What this means is that when you put up your favorite ntenna design, you will get a performance analysis and a ertificate.

There will always be hotdogs, pop and coffee, and a few rizes furnished by the club.

Our first event at Owen Beach is for any type of antenna: HF, mtrs., UHF, or anything else. The Mike and Key Club, as well s the North Kitsap Club, will join us in the fun.

Then there is Mt. St. Helens on May 18 to celebrate the big ang! For those of you who can get away on a Thursday, this ne will be a blast (no pun intended).

Field Day is in June, Five Mile Lake in July, and I am hoping I an find a spot on American Lake for August after our Flea arket.

There will be kids games at each event and some nice prizes. y the way, we will be giving out free tickets at each event for all ids from one month old to 13 years for a chance on a nice notocross bike. We will always have a special QSL card for nyone we contact and a first for W7DK - "SPY ANTENNAS". hese will be verticals, beams, delta loops, dipoles and rhombics nade of No. 28 wire.

To let the public know who we are and to introduce ham adio, we will sprinkle in a number of "Show and Tell Outings" at ighway rest stops, parks and malls. Are we ready to get out and ave fun with other clubs? Are we ready to learn how to set up ntennas and emergency stations? Are we ready to talk to the ublic and show them the fun we are having? You bet we are! his is the year to do it all. Spring is here and I can't wait.

Jim, K7YLM

Bylaws Revision Review

de Shirley, N7QHW

By the time you are able to read this, it is our hope that the revised Bylaws are in your hands and you have a date that states when you, the members, of the Radio Club of Tacoma will be voting on acceptance or rejection of this revised version of the Bylaws.

My goal here is to simply inform you of the process that these revisions have been through prior to being delivered to your hands today.

In the summer of 1993, Kathleen, N0EYK, President of the Radio Club, appointed a committee to review and revise as necessary the **Radio Club of Tacoma Bylaws**. This committee consisted of Ray Pedersen, W7KFN; Shirley Murphy, N7QHW; and Jerry Seligman, W7BUN. Ray acted as chairman of the committee. We, as a committee, met at Ray's home and the Radio Club on several occasions while working through the process of the revisions. One of the main reasons for reviewing and/or revising the Bylaws was the Club's newly appointed status of a non-profit tax exempt 501 (c) (3) organization.

At the same time these revisions were being reviewed, the **Long Range Planning Committee** was initiated and development of long range goals were being developed. A crucial part of our purpose as a 501 (c) (3) tax exempt organization is the long range plan or goals of the club. Contingent upon the outcome of the Long Range Planning Committee was the final revision of the Bylaws. Thus the Bylaws were put into slow motion while the Long Range Planning Committee completed their work.

In the fall of 1994, the Bylaws committee with input from the Long Range Planning Committee were able to present to the Board of Directors a revised Radio Club of Tacoma Bylaws.

At the discretion of the President, Jim, K7YLM, presented to the membership at the second meeting in October that he felt the revisions were put together in a hurried fashion and recommended that they be delayed until after the first of the year before being sent out to the members for a vote. Out of this came a motion that a **Five Member Panel of Club Members**, removed from the committee making the changes, be appointed to review the Bylaws and make a recommendation to the membership for voting "for" or "against". Shortly following this motion, a motion was made to send to the membership the

(cont'd on page 3 - col 2)

RADIO CLUB OF TACOMA
1995

PRESIDENT	JIM KIRKREIT	K7YLM	927-7825
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
SECRETARY	JUDY KIRKREIT	AJ7R	927-7825
TREASURER	JERRY SELIGMAN	W7BUN	845-7652
BOARD (4)	SHIRLEY MURPHY	N7QHW	265-3661
	JOHN McALLISTER	W7MSR	952-7388
	ALAN ALLEN	N7EAY	475-7413
	BRIAN SPINDOR	KA7KUZ	756-5030
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	DICK RYAN	W7RGD	627 0922
	JERRY SELIGMAN	W7BUN	845-7652
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	MARIE FULLER	KA7HEG	582-5841
	KAREN KILEN	KC7ACX	927-1054
COMPOSITOR	"NICK" OLSON	N7BCV	536-8940
PUBLISHER	W7DK PRESS	N7QHW	265-3661

****

CLUB MEETINGS

7:30 pm
Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411. 206 / 759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Mail all articles and advertising to Ralph Fuller, KA7FIG, 8208 Southway SW. Tacoma, WA. 98498. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO ***THE LOGGER'S BARK***, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/ Radio Club of Tacoma

147.88 / .28 MHz	144.97 - Packet
147.98 / .38 MHz (pl 103.5)	441.00 - Packet
224.52 MHz	

New Members - as of March 23, 1995

Julie Howe, KB7UFR RCT# 18
8116 199th Ave. Ct. E.
Sumner, WA 98390 862-950

Michael Moore, KC7IRX RCT# 18
812 N. K St.
Tacoma, WA 98403-1737 272-741

Robert Kirk, N7LBO RCT# 18
POB 44957
Tacoma, WA 98444- 0957 536-263

Reinstatements:

Jim Monaghan, N7HKO
1206 9th Ave. SE
Puyallup, WA 98372 845-438

Roy Ernsbarger, KA7X
30608 56th Ave South
Roy, WA 98580 843-251

Address and Phone Changes:

Bill Rohrer, W7IJ 360/458-975

Bob Hagar, KI7HW
9713 61st Ave. E.
Puyallup, WA 98373 845-230

Calvin Crowe, KB7HJU
Moved - Left No Fowarding Address

Eric Thompson, N7IXO
Margaret Thompson, KB7WYK
15201 S. 13th Ave.
Spanaway, WA 98387-8819 537-265

Ed Luff, N7NCH
21904 Sumner-Buckley Hwy
Buckley, WA 98321-9725

Susan Peterson, N7YFH 759-310

Rudy Kneip, WB7EQZ 566-231

Dennis Carroll, KB7WFV
POB 568
Burley, WA 98322-0568 360-876-7

Ed Horsman, KC7ADL
3702 15th Ave SE
Puyallup, WA 98372 845-225

Pat Wells, WA7UNF 943-793

Candace Plumlee, KB7KJX
16019 72nd St KPS
Longbranch, WA 98351 Unknown

Bud Mitze, KC7AVT 752-315

Larry Grala
5001 College St SE Apt H-101
Lacey, WA 98503-5950 Unknown

New Call Signs:

Fred Richardson - KC7HFO - Now AB7IJ
Bill Drum N6ITE Now KJ7KT

Silent Keys

Bob Weightman RCT# 53
Parker Bundy K7GYP RCT# 43

L. PARKER BUNDY - K7GYP

L. Parker Bundy, 86, died March 2, 1995 at Tacoma Lutheran Home. He was a Gold Card Memb IATSE Local #175, a member of the Radio Club of Tac and the Retirees Club of IBEW.

He is survived by wife, Irene; daughter, Cheryl husband, Jim Killenbeck; granddaughter, Kristen.

At his request no services were held.

The Editor's Log Pile

de Ralph, KA7FIG

[Editorial Note] The November issue of the *Logger's Bark*, in my column I discussed my opinion on the term limits of Committee Chair Persons and their Committees which I called the Drop Dead Rule! At the time I had no thought process concerning a Bylaw Committee hired under a different administration. Since there was at the time of Ray's letter an **on-going overt process** to adopt these Bylaws, I chose not to rint Ray's letter until the process was near completion and either of us had an effect either way. Shortly after receiving ay's letter I replied with my statement to him by mail kplaining my position.

Ray Pederson, W7KFN
2673 S. Cedar St.
Tacoma, WA. 98405
November 12, 1994

etter to the Editor - *Logger's Bark*

The editorial in the November 1994 Bark page 3 is not orrect. All committees, per Bylaws SECTION SEVEN main in existence indefinitely until otherwise determined by e Committee, the President or the Board of Directors. (At esent there are no standing committees of the Club, only d-hoc, but three are proposed in the Bylaws revision.) The resident names all committees and sets forth their duties as quired or requested. The committee's lifetime is not limited one year. The President, or any new President, can rminate any and all committees when he/she takes office or any time during the term of office. The Board may also rminate committees and thereby force the President to do ithout or appoint a new committee. At present, the ommittee appoints its chairperson.

The Editor of the *Bark*, or any other committee can rminate the committee at any time. Any committee angover problem is a problem of the President or the Board. ecause of the number of activities involved, it is more fficient administratively to continue existing committees and nly change the few. If the membership wishes to change to e Drop Dead Rule, as proposed, there is a routine procedure r submitting a proposed amendment to the Bylaws in ECTION NINE. That is the procedure being followed by the oard of Directors in the current Bylaws amendment roposal.

de Ray, W7KFN, Former Bylaws Committee Chairman

Radio Club Of Tacoma
VE Testing

he Radio Club of Tacoma, W7DK, will be offering an **ll license class** examination session on **Monday, May , 1995 at 6:00 pm** at the RCT Clubhouse located at 249 S Washington St. in Tacoma WA. Pre-registration ot required. Be sure to bring original and a copy of cense and any CSCE plus a piece of identification.

For further information call:
Jerry Seligman, W7BUN at 845-7652
Walk-Ins Are Always Welcome

Logger's Bark Quality Control

Proofreaders

Judy AJ7R

Marie KA7HEG

Sally KB7PKJ

Shirley N7QHW

(cont'd from page 1)

current revised addition of the Bylaws. This was done (November 1994) along with a letter requesting that members who had comments or suggested changes to submit them in writing to the Secretary within one month.

Suggestions were received, catalogued, and acted upon by the original committee as well as the newly appointed review committee. The new review committee was given at the January 1995 Board Meeting the direction by the **Board of Directors** to review/revise the Bylaws and develop a list of Standing Rules and report back to the Board of Directors when complete.

The document you are reading today, is the result of this process. We hope you will read the revised Bylaws and express your vote "for" or "against" them as you see fit. If you are unable to come to the meeting that the vote will take place, you may request an absentee ballot for voting from the Secretary of the Radio Club.

It is my hope that by outlining the process that these Bylaw revisions have been through, that you will feel comfortable in having full knowledge of the process and be comfortable with the fact that all interests of all members have been considered.

73 Shirley, N7QHW

The packet group has put together a book on packet operations. It will be an asset to both beginning and experienced packet operators. The cost is only $5.00. All proceeds will be used for the packet BBS operation. For info, call Jim, K7YLM, at 927-7825. This book will also be available at the general meetings.

News from ARRL

de Jerry, W7BUN

ARRL President George S. Wilson, W4OYI, suffered a stroke on February 11, 1995 while in Washington, DC, on League business. In early March, his condition had deteriorated, and since the doctors felt there was no hope for recovery, they removed life support.

The FCC has adopted rules for the future licensing and continued development of a number of services, including Amateur Radio, in the 902 to 928 MHz band. The new rules set standards for what had previously been called automatic vehicle monitoring systems but which the Commission now refers to as the Location and Monitoring Service (LMS). Amateurs will continue to have access to 902 to 928 MHz, on a secondary basis, to the new LMS systems; to industrial, scientific, and medical (ISM) systems; and to government users.

William S. Grenfell, W4GF, a former chief of the Amateur Service Division, died January 27, 1995, in Vienna, Virginia, at the age of 82. Grenfell worked for the FCC from 1940 until he retired in 1971. He joined FCC's Seattle office in 1940 as an assistant monitoring officer. In 1952 he became chief of the Amateur Branch and Amateur Service Section; from 1962 to 1966 he was chief of the FCC Rules and Standards Branch of the Amateur and Citizens Division; and was chief of the FCC Rules and Legal Branch of the Amateur and Citizens Division from 1966 until retiring in 1971. Grenfell was first licensed in high school in 1930, and after retiring wrote columns for several Amateur Radio publications. He was also known for his achievements in contesting.

Harry A. Turner, W9YZE, died December 21, 1994. He was 88 years old. While in the service in 1942, Turner was clocked at 35 wpm using a hand telegraph key, a record still standing and recorded in the current Guinness Book of Records.

The ARRL Board of Directors has approved a strategic long-range plan, which includes the following mission statement of what the League's role in Amateur Radio should be in five years: The American Radio Relay League is the principal representative of the Amateur Radio Service, serving members by protecting and enhancing spectrum access and providing a national resource to the public. Full details are in the April QST.

The ARRL is looking for photos of unique, functional, and attractive mobile installations, for possible publication. Send glossy prints with a description of the installation, the photographer's name and call (if any), and the name and call of the station operator to Joel Kleinman, N1BKE, at ARRL HQ.

VE Testing

The Maple Valley Wireless Society will conduct an all License examination the Third Tuesday of each month, and shall begin 7pm, promptly at the Auburn Fire Station located at 1101 "D" Street NE, Auburn WA

Should you like more information on how you might participate, call **Bill, W7GBC**, 584-1086, or **Ralph, KA7FIG**, 582-5841.

Walk-ins are always welcome.

20 Years Ago - April 1975

In the April 1975 Loggers Bark, is an article writter
Doc Spike, W7OS, which is so interesting that we will re
it in its entirety. Doc was one of the first officers of RC
1916.

How About W7DK? by W7OS

In researching the Radio Club of Tacoma's call, W7
we find the first list of the Club membership reported in
Tacoma Tribune, Sunday January 21, 1917. It listed i
membership list of 31 members the name of Ted Drake
his call of 7DK. He lived at 2304 N. Anderson. His pictu
shown in the same issue with the first Club picture. The
also a picture of his amateur radio station at the s
address.

The Club was officially recorded in the Pacific R
News, the official publication of the San Francisco R
Club. In their Volume 1, Number 1 issue of January 1, 1
is an article giving the date of October 20, 1916, as the
the RCT was officially organized. It also listed the
original officers.

We found in the RCT minutes book of 1923 to 1928,
date of February 10, 1925, the first mention of an applica
for a Club call. On February 17, 1925, it states the
received was 7DK. So far as is known, the call has been
ever since with the addition of the W prefix at a later
(W7DK).

We have a QSL card bearing the call W7DK with
address of 1462 South Oakes, Tacoma, dating about 1
The card has a picture of the old club house and a pictu
the radio station in the front room of the club house.

We believe, from the above research, that Ted Drak
member of the Radio Club in 1916, was the original hold
the call 7DK. We further believe that shortly after the
world war the Radio Club of Tacoma applied and receive
call, 7DK, as the Club's call. More research shoul
undertaken to determine if any other amateur was issue
call between 1919 and 1925. **Submitted by Doc, W7OS**

The Owen Beach Attack

de Bud Mitze, KC7

Last year one of our
successful events was an
called **THE RCT INVASION.** It
so successful and so much fun
are doing it all again. Our Chair
Bud, KC7AVT, has some s
events planned for all the fa
We will again have **ANTE**
WARS but this time we will be jo
by the Mike & Key ARC and
North Kitsap ARC. All entrants
receive a certificate to honor
efforts. Bryan, KA7KUZ,
coordinate antenna erection along with Joe, KD7LJ. Bud
some nice prizes to give away and we will have a special dra
for kids from 1 month to 13 years: **A MOTOCROSS BIKE**
you are less than a year old you don't have to ride it home).

Again, we will have our famous W7DK hotdogs, pop
coffee. It is a potluck so bring what you can. Please coord
with Judy, AJ7R, concerning what to bring. Bring your rig,
favorite antenna design, HF-VHF, and put Owen Beach and
club on the air. We will have a special QSL too. In the eve
rain, the Mike & Key ARC has generously offered to provide te

Date: April 8, 1995
Time: 10:00 AM to 4:00 PM
Place: Owen Beach at Pt. Defiance Park

RACES/ARES

de Shirley N7QHW

"SOUNDSHAKE 95"

Are you ready? Am I ready? Are we ready? Is the Radio Club of Tacoma ready? Remember a few months back when I wrote about the Radio Club of Tacoma being appointed as an **"OFFICIAL EMERGENCY STATION"** and what it means. Well, this is what we are going to be all about. We are being given golden opportunity to practice so when the real thing ppens, we will be **READY.**

Just in case you have forgotten, there is a simulated rthquake exercise occurring on April 26 and 27, 1995. The st majority of Western Washington will be participating in is event. The earthquake will occur at 0857 on Wednesday th two significant aftershocks occurring also on Wednesday. here are many areas that are requesting an amateur erator for supporting communications. (During our little aker this year, the telephones and cell phones were operable due to overloading so we just may be able to ovide more help than we realized.) We need you so please, ease volunteer.

Brian, KA7KUZ, and I are working together to be sure our ation is operational for this exercise coming up in April. ian is going to work on the generator aspect of this and I ll be teaching those of you who volunteer what to expect, w to conduct yourselves on a net, how to be net control, ndling message traffic and whatever else we feel needs to done. This class will take place on Saturday, April 22, 95 from 1200 to 200 hours at the Clubhouse. Brian and I ve not written a long range plan yet but it will include "jump ams" (no not a parachute). These teams will have specific ojects that will be theirs to do in the event of an earthquake other disaster. Some of these things will be an antenna am to put the antenna back up, repeater team, generator am, etc. We will need all of these teams who will simply do hat is needed without being called. This is why they are lled "jump teams". Anyway, there is lots of work to be ne and we're sure hoping that a whole bunch of you are ing to be there to help us. Tune into the RCT Net on esdays for additional information.

You may also call Brian, KA7KUZ, at 756-5030 or hirley, N7QHW, at 265-3661 to volunteer or get additional formation. You may also let Shirley know if you can help t with the exercise on April 26 & 27.

3 Shirley, N7QHW

Tip Of The Month

Before An Earthquake

Check for hazards that could make your house more angerous during an earthquake.

Some of these are defective wiring, leaky gas and flexible utility connections, bolt down water heaters and gas ppliances.

Know where and how to turn off gas, electricity, and ater.

Place large or heavy objects on lower shelves.

Anchor overhead lighting fixtures.

Fix deep plaster cracks or foundation cracks and be sure ouse is anchored to the foundation.

Hold occasional earthquake drills so each member of your amily knows what to do during an earthquake.

Locate safe spots in each room (under sturdy tables or strong supported doorways).

Identify danger zones in each room (near windows, bookcases or other furniture that may fall over).

3. Gather emergency supplies and prepare for evacuation if earthquake damage is severe.
4. Develop a family plan for reuniting after an earthquake. Establish an out-of-state telephone contact and leave notes for other family members if you must relocate.
5. Review insurance to determine coverage for earthquake damage. Some damage may be covered even without specific earthquake insurance. Protect important home and business papers.

Mighty Mo Update

de Lorna, KB7YTJ

It's official! Special Event Station WW2END will be on the air September 1 and 2 to commemorate the 50th anniversary of the WWII Treaty signing on the **Battleship Missouri**. Local Amateur Radio Clubs will participate in the celebration to honor those that served in World War II.

A Big Thank You to those that signed up early to work the **Special Event**. If you have not yet signed up to operate, but wish to participate, there is still an opportunity to operate a remote station or help with Station operations. Contact Bill Brown, N7TEQ, or Lorna Nelson, KB7YTJ for more information.

Special Event Chairman Tom Sanders, W6QJI, and On-Board Team Leader Matt Amis, AA7LP, from the North Kitsap Radio Club, are working with the Puget Sound Naval Shipyard to secure details of Station operations.

Mike Treit, KB7QOP, and Brian Spindor, KA7KUZ, will be scheduling training sessions to prepare you to work the Station and equipment. All Station Operators must participate in a training session to gain access aboard the Ship during the **Event.**

Alan Hughes, KB7SVU, is the Station Support Team Leader with Mike Compton, KB7ZDR, as the Station Engineer. Many other Radio Club members have agreed to donate their time, energy and expertise to make this **Event** a success not only for the greater Puget Sound, but for all Amateur Radio Operators.

Each Tuesday night at 8:00PM, immediately following the Radio Club of Tacoma Net, the **Missouri** Net is held on the Mike And Key Repeater, 146.82 MHz. The Repeater currently has tone access of 103.5. You are welcome to check in and join the Net, ask questions, learn about the **Event** details as they are announced.

Working together, the **Puget Sound Amateur Radio Operators** will make this celebration a part of History.

Address Changes

If you change your address, don't forget to notify the club immediately. The Post Office will not forward your Logger's Bark, but instead returns it with $.50 postage due. Also, members who notify the Post Office that they will be "temporarily away" will have their Bark returned to the Club. Each month as many as 6 to 10 Barks are returned; members don't get their Barks and the club loses about $50 a year. Call Dick, W7RGD, 627-0922, or Jerry, W7BUN, 845-7652, to report any changes in address, phone number, or call sign. Thank you!

Packet Radio

de Mike WB7DFQ

As I promised last month here is the conclusion to my series on troubleshooting a packet station. As you recall in the last article we had hooked up and tested the computer and TNC to radio connection.

The thing which seems to cause the most problems is the connection to the TNC. Now we will take a look at the the cable from the TNC to the radio. In our hurry to get on the air we sometimes take shortcuts attaching the radio connector to the cable. Check that all of the connections are correct for the radio being used and that all of the joints are correctly soldered. If you don't have a hookup diagram for your specific radio check the "73" and "CQ" magazines at the clubhouse as they contain literally hundreds of diagrams for hookups between virtually all radio and TNC combinations. Be especially careful with handheld radios as they tend to use very unusual methods to integrate the audio in/out signals and push to talk. The hookups for these often require the use of capacitors and resistors to isolate the different signals. Again the best troubleshooting tool is another system just like yours which works, then you can substitute pieces until you identify the problem.

Electromagnetic interference from the computer and RFI from the radio can be a problem. Make certain that all cables are shielded and all components are grounded. Speaking of grounding, avoid ground loops by connecting all components to a common point rather than daisy chaining one component to the next.

Once you have verified all of the hookups you should be ready to run some tests. Turn on the computer and start your communications program then turn on the TNC and make certain you get the TNC startup message along with the Cmd: prompt. Enter the "RESET" command to return the TNC to the default configuration and enter your callsign with "MYcall". Now turn on the radio and open the squelch all of the way. Turn up the volume until the DCD light illuminates then turn it up an additional 1/8 turn. Now close down the squelch until the DCD light goes out plus an additional 1/8 turn. You should now be able to receive packets. If you don't receive anything, enable the speaker on the radio and listen to the incoming packets. They should sound crisp, not garbled and there should be very little, if any, other background noise. If the packets are distorted or there is a lot of noise you need to improve the signal through a better, higher antenna or a different location. You may even need to try another frequency. If you hear a lot of computer noise you may have a difficult problem to solve and you should check with others who have experienced similar problems for advice.

Once you can receive you are ready to try transmitting. There is only one parameter which you should need to adjust in the beginning. That parameter is "TXdelay" which you should set at 45 unless you have an old relay switched rig in which case try 50 or 60. Don't mess with any others or you man never be able to connect to anything. Make sure the radio is on simplex then try to connect to a BBS or another station which you are receiving well. Once you are able to communicate well reduce "TXdelay" in increments of 5, stopping just before performance begins to fall off. If you cannot connect with another station, the problem may be related to your signal strength or reduced signal quality due to multi-path. Again making the antenna higher or changir location may be the solution. Another problem ma deviation which is controlled by the level of the audio inp the radio. Follow the instructions in your TNC manual v detail the adjustment of deviation.

You should now be able to connect and commur using packet. If your station still doesn't work, enlist the of another ham packeteer or contact the packet comr and they will assist you in getting your station on the air.

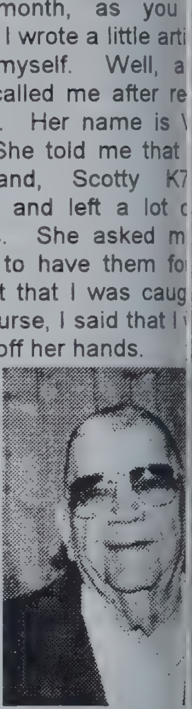
73, Mike WB7

From The QSL Manager

Sue, KC7

This article is a special It makes me feel all warm cozy inside.

Last month, as you remember, I wrote a little arti introduce myself. Well, a nice lady called me after re that article. Her name is V Huntley. She told me that her husband, Scotty K7 passed on and left a lot c QSL cards. She asked m would like to have them fo Radio Club of Tacoma. I must admit that I was caug guard and stammered a bit. But, of course, I said that I v be more than glad to take these cards off her hands.



Scotty K7CY

Well, let me tell you, Vivian wasn't kidding when she said there were a lot of cards! Val N7VGO and I could do little else except mumble an occasional **"WOW"** as we went through those cards for the first time. We were simply amazed! There are QSL's from the 1940's to 1962 from all over the world! There's even a few from Call Signs that actually don't exist anymore!

For the meeting of 3/8/95 I put together a display of Scotty's cards. There were about 100 cards in that display, and that was but a fraction of what we have i possession! I do hope everyone at that meeting took a n to look at the display. In the near future a more perm display of Scotty Huntley's QSL cards will be in the club for all to see and admire. Maybe this will be an inspirat some of W7DK's newest Ham's (and maybe even for so the not-so-new ones). With a little work and a whole fun, you too can talk all over the world!

To Vivian I want to say Thank You, Thank You, You for thinking of The Radio Club of Tacoma! After al could have thrown all these wonderful cards in the trash are a special lady.

U. S. Coast Guard transmitted its last CW messa 1 April 1995. The Coast Guard will no longer use this for any communications.

The W7DK Packet BBS has a new bulletin whic be continuously updated. It is called DK News. Cun all upcoming events will be listed. Future listings will ham news, electronic news, BBS tips and most freq asked questions (FAQs).

W7DK HF Station

de Brian KA7KUZ

It's been a busy month for me on HF. Seems like there's been lots of activity on the bands as well as in the station. Last month I purchased an AEA PK 232 TNC for the club station. With this TNC we should be able to operate RTTY, Amtor, Pactor, and various other modes from the club station. Since this mode of operation is still new to me I had a few problems in getting it all set up. Many thanks to Mike, KB7ZDR (that's Zed, Delta, Romeo - Hi!!) for his electronics expertise and George WA7BHH who this time is still working diligently to get the computer and NC talking and working together. I hope by next month I will ive some great digital contacts to report that were made by me of our members. If you want to make some of these ntacts, keep an ear on the W7DK repeater; I'll try to ention when the system is up and running.

Have you been wanting to work some DX but been having uble finding it? I participated in the ARRL DX International ntest on March 4th and 5th. I was not trying to win a place it rather to make contacts with new countries. Over the two ys I made 21 DX contacts and added 17 new countries to y log. This included countries like Uruguay, Ecuador, ussia, and Japan. If you're looking to increase your DX ster a contest is probably one of the best ways to make ose contacts. Trying not to win a place but to rather just ake some contacts will allow you to have some fun also. ou can usually find the list of contests in QST with dates, nes and rules. The rules can be rather complicated but, if in ubt, ask an experienced contester, someone is always lling to help. If you participate in a contest and you only ake one contact be sure to send in your log sheets; your ntacts are confirmed on the log sheets of those stations you ade contact with and can lower the other persons score if ur contact is not confirmed.

One of the more frustrating things with DXing is trying to SL (follow up with a post card to provide physical proof of e contact) with that foreign contact. One source is the liable, but often slow ARRL QSL bureau. If you prefer to SL direct it can often be frustrating to find the contact's dress or the address of the QSL manager (a person ateside who manages distribution of QSL's for foriegn ation). If you're on the Internet and you can log onto the orld Wide Web try this page at the following address: tp://promet12.cineca.it/htlzh/qsl.html (all in small case tters). This address will give you access to a search service QSL managers and addresses for some of the more sought ter DX. The instructions on the page are very easy to follow d you can update the database if you have more current formation.

Want a real challenge at chasing DX? Try the DX indow on 80 meters from 3.790 to 3.800 MHz. You will find ost of the voice DX in this small window and sometimes a w KHz either side. It takes a little bit of tenacity and atience but in one evening (about 3:00am) I managed to ork Japan, Mexico, Columbia, and Argentina, and have eard France, Portugal, and Ascension Island working this indow. Better hurry though, the spring and summer noise is bout to start and it won't quiet down until at least October.

As spring and summer approach most of our thoughts rn to outdoor activities. One of the all time fun outdoor ctivities is Field Day coming up the last weekend in June. Field Day is more than just a contest it's learning how to erect antennas, set up generators, and operate a radio under less than ideal conditions. To prepare for this event W7DK will be starting up those generators, practicing setting up antennas and operating radios under less than ideal conditions at the clubhouse and at several events such as W7DK at the Beach and W7DK at Mt St. Helens. We have two large generators that have not been started since last June and we have a telescoping antenna mast system donated to the Club by the National Guard. Come be a part of these activities we need to develop a well educated base of people who know how to set up this equipment before Field Day.

Remember, the HF station is open for everyone's use regardless of class of license. If you want to work outside your license limits there's always a control operator available. Be a part of the W7DK HF station. **73 Brian, KA7KUZ**

Why Radio Amateurs Are Called "HAMS"

from *Florida Skip* Magazine - 1959

de Mark, KC7FAA

Have you ever wondered why radio amateurs are called "HAMS"?. Well, it goes like this: The word **"HAM"** as applied to 1908 was the station CALL of the first amateur wireless stations operated by some amateurs of the Harvard Radio Club. They were ALBERT S. HYMAN, BOB ALMY and POOGIE MURRAY. At first they called their station "HYMAN-ALMY-MURRAY". Tapping out such a long name in code soon became tiresome and called for a revision. They changed it to "HY-AL-MU", using the first two letters of each of their names. Early in 1901 some confusion resulted between signal from amateur wireless station "HYALMU" and a Mexican ship named "HYALMO."

They then decided to use only the first letter of each name and the station CALL became **"HAM".** In the early pioneer days of unregulated radio, amateur operators picked their own frequency and call-letters. Then, as now, some amateurs had better signals than commercial stations. The resulting interference came to the attention of Congressional Committees in Washington and Congress gave much time to proposed legislation designed to critically limit amateur radio activity.

In 1911, ALBERT HYMAN chose the controversial WIRELESS REGULATION BILL as the topic for the Thesis at Harvard. His instructor insisted that a copy be sent to Senator DAVID I. WALSH, a member of one of the committees hearing the Bill. The Senator was so impressed with the Thesis that he asked HYMAN to appear before the committee. ALBERT HYMAN took the stand and described how the little station was built and almost cried when he told the crowded committee room that if the BILL went through they would have to close down the station because they could not afford the license fees and all the other requirements which the BILL imposed on amateur stations.

Congressional debate began on the WIRELESS REGULATION BILL and little station **"HAM"** became the symbol for all the little amateur stations in the country crying to be saved from the menace and greed of the big commercial stations who didn't want them around. The BILL finally got to the floor of Congress and every speaker talked about the "...poor little station HAM." That's how it all started. You will find the whole story in the Congressional Record. Nation-wide publicity associated station **"HAM"** with amateur radio operators. From that day to this, and probably until the end of time in radio; an amateur is a **"HAM"**

(Editor's Note: Several sources make the same claim.)

(TNX to W6TEX for sharing this with me - KB6HLR)

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Contact the Editor

Amateur Radio Exams in the Puget Sound Area as of March 23 1995

1: Tuesday - 7 PM - Puyallup South Hill Library, 15420 Meridian East, Puyallup - Contact Mike Horbul, KI7YB, 845-2545, Puyallup

1t **Thursday** - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, Kirkland - Contact Brian Wood, KF7QF, 481-2361, Bothell

1t **Saturday** - 10 AM - North Seattle Comm. College, Rm 3343, 9600 College Way N. - Contact Mike Mitchell, W7WHT, 282-1438, Seattle

1t **Saturday** - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, Kent - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

2d **Tuesday** - 6:30 PM - Everett - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2d **Tuesday** - 6:30 PM - Burley - Burley Bible Church - Contact David Brooks, N7HTK, 876-1399 (between 9 AM and 3 PM), Belfair

2d **& 4th Thursdays** - 7:00 PM - Ft. Lewis Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2d **Saturday** - 10 AM - Tukwila - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3 **Tuesday - 7 PM - Auburn - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley**

3 **Saturday** - 9:00 AM - Ferndale - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3 **Saturday** - 1 PM - Renton - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3 **Saturday** - Sultan - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3 **Saturday** - every 4th month - 9:30 AM - Aberdeen - Pearsall Center, 2109 Sumner Ave - next session - September 17 - Contact Nick Bender, NX7W, 249-4671, Montesano

4 **Tuesday** - Stanwood - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4 **Wednesday** - 6:30 PM - Everett - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4 **Saturday** - 10 AM - Marysville - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4 **Saturday** - 9:30 AM - Bremerton - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Smiannually - Saturday - 9:30 AM - Olympia - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

My 8th - Monday - 6 pm - Radio Club of Tacoma Clubhouse, 1249 S. Washington St, Tacoma - also...

Jne 17 - Saturday - 10 am - Radio Club of Tacoma Clubhouse, 1249 S. Washington St, Tacoma - Contact Jerry Seligman, W7BUN, 845-7652, Puyallup

ease send updates to: Jerry Seligman, W7BUN, 12306 8th Ave East, Puyallup, WA 98373 - Phone: 845-7652

3d Thursday - 7 pm - Packet meeting at the clubhouse.

W7DK Packet BBS - part 1

de Mark, KC7FAA

Beginning with this article I will be regularly submitting articles to the *Bark* about the Radio Club's Packet Bulletin Board System. It is my goal to help both new and veteran operators understand and use the many features and commands of the F6FBB (FBB) Packet Radio BBS and Server software, version 5.15c, written by Jean Paul Roubelat, F6FBB. Much of the information in this series is based on information written by Larry Kenney, WB9LOZ, and Bill Choisser, K9AT, and the original FBB help document written by Per, LA6CU.

GENERAL INFORMATION: The W7DK BBS is a general purpose packet bulletin board system located at the home of Jim Kirkreit, K7YLM near Browns Point in Tacoma, at about 450' above sea level. W7DK is the club call of the Radio Club of Tacoma. Using the FBB software, the system supports personal messages, bulletins, traffic messages for the National Traffic System, and will soon contain a collection of data and program files on a variety of amateur radio topics. The BBS also supports several servers.

W7DK operates on 144.97 MHz, 24 hours a day. The system is running on a 80286 computer with 1 megabyte of random access memory and is using a 40 MB hard drive for message and file storage. MFJ 1270B TNC's are used for the radio ports. A Kenwood 144 transceiver feeds 5 watts via a duplexer to a Hustler dual band antenna on 144.97, and an Icom IC-45A transceiver, running 50 watts, is used on 440.925

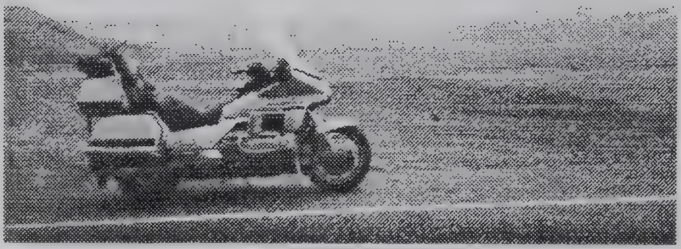
To connect to the BBS ensure that your terminal, TNC, and radio are connected and operating properly. Tune your radio to 144.97 Simplex and issue the command **Connect W7DK**; example **C W7DK** on a PK-88 TNC. After a few moments you should receive connect and log in messages. If this is your first time using the BBS you will be asked a few simple registration messages.

Important club news or bulletins will automatically appear at log in or may be listed by entering the BBS command L@. This command lists all local bulletins. The Bulletin category DKNEWS lists general bulletins. At the BBS prompt the club's calendar of events may be obtained by entering the command D CALENDAR.

Next month I will begin to introduce and explain the use of the various BBS commands

4 months to go

The Monument



Castle Lake Overlook – site of WA7ASH QSL Party

May 18th is the 15th anniversary of the date Mt. St. Helens erupted.

To commemorate the event, a small group of hams from our Club will set up two stations on Coldwater Ridge at the Castle Lake View Site.. We will be using the call sign of Charles Jones, WA7ASH, from Independence Oregon, which David, WB7AUJ, discovered and we think this makes the event that much more special. Bud, as Charles likes to be called, is thrilled that we would even ask to use his call. He is really excited and hopeful to get a QSL card from WA7ASH to WA7ASH.

We will have a special QSL and certificates for those who operate. It's on a Thursday so, if you can get away, come join us for a day of fun. Contact Jim, K7YLM (927-7825), or Alan, N7EAY (475-7413) for additional information.

Mother's Day Breakfast

Here it is April already and **Mother's Day, May 14th** is just around the corner. We hope the Clubhouse at 1249 S. Washington will be packed to the maximum. As in the past, the doors will open at 8 am and close at 11am.

The cost is easy. **Mothers are Free**, children under 12 are $1.50 and everybody else is $3.

The menu will be hotcakes, eggs any style as ordered, a slice of ham, orange juice, coffee or tea.

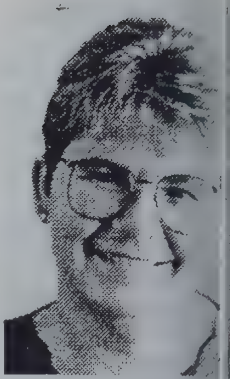
Traditionally this breakfast has been put on by the men of the Club. **HELP!** On the job training is available. I need four or five volunteers to help with the cooking and serving.

To volunteer, please call Rich, N7ANF, 474-8883

No Code Amateur Radio Class

April 3, 1995 for eleven weeks
6:00 PM to 7:00 PM
Radio Club of Tacoma
1249 S. Washington St. Tacoma
Call Bill Shimmin, W7GBC, 584-1086
or Jerry Seligman, W7BUN, 845-7652
Books Available at the Class $19.00

Radio Club Of Tacoma
Minutes For Regular Meeting
February 22, 1995



The meeting of the Radio Club of Tacoma was called to order at 7:38 PM by President Jim Kirkreit, K7YLM, with 84 members and 6 visitors present. A quorum was present for conducting official business.

NEW CALLS AND UPGRADES: Laura Nelson, KC7CQU, upgraded to advanced and Morel Guyot, KC7FCI, upgraded to advanced.

SPECIAL WELCOME: Jim, K7YLM, gave a special welcome back to Dick, W7RGD, who's been unable to attend meetings for some time. Dic out the *Logger's Bark* for 25 years, and many times he did it at his expense.

HEALTH AND WELFARE: Russell, KB7UXK, was in the hospit tests and we all wish him well and KC7BAI's wife was in a car wrec has some neck and back injuries. One of our members, Al Amb WA7DUK, lost his wife last week. We also have a silent key, a f member, Elmer DalBalcon, WA7ZUE.

CORRESPONDENCE: We received a thank you letter from the Sal Army for our recent donation of cash and food. We wish to thank all contributed and those who contributed so generously of their Marilyn, KJ7BN; Al Burleson, KC7DDA; Bill Shimmin, W7GBC; and Olson, AB7DS.

UPCOMING CLASSES: There is one opening left in a one-time class for would-be instructors on presentation techniques. It will be Thursday, February 23, at the clubhouse starting at 6:00 PM and la approximately four hours. There are also some openings in the Ma class for Advanced to be held for four Thursdays. There also will Extra class starting April 6 to run for four Thursdays. The Novice and CW beginning class starts April 3 for 11 Mondays. Sign up wi Shimmin, W7GBC, for this class.

HINTS & KINKS, TUNING & TRAFFIC, ETC.: Hal, W7EC, contac WH0 in Saipan on 17 meters phone, R1FJL in Franz Joseph Land meters CW and a contact with ZK1 on 30 meters CW. Also Ro AB7HO, contacted Cuba on 20 meters. Tom, N7QHX, has be contact with a local yacht at Puerto Monte and was involved unfortunate incident out of the Gulf of Panama where a yacht owner murdered and his wife badly injured by four members from a Colony. Also Mike, KI7YB, has a tape of a voice contact he made wit Russian MIR Space Complex.

TREASURER'S REPORT

General Fund Checking	1,200
Repeater Fund Checking	1,580
Packet Fund Checking	377
Flea Market Checking	525
Money Market Savings	13,631
Scholarship Working Fund	100
Scholarship Memorial Fund	2,571
Cash On Hand	0.
TOTAL ALL ACCOUNTS	$19,987.

MEMBERSHIP: There are 375 members as of this date for 1995.

ARRL DIRECTOR: Jim, K7YLM, welcomed Mary Lou Brown, N our new ARRL Director. She announced that George Wilson, Pres of ARRL suffered a serious stroke. He is making good progress a time. She also announced she has appointed **Jerry, W7BUN, a Assistant Director**, as well as 47 others throughout the Division. Lou encouraged all members to call the Legislative hotline, 1-800- 6000, to ask your Representative to support HR1437. She also spo details of the vanity calls. The actual dates for application have not set yet, since we must first await the institution of the new Form 610V

PROGRAM: Alan, N7EAY, introduced "Gib" Gibson, W7NIE, presented his program for "reading", not copying, code. He encour everyone to make a series of 30-minute tapes starting with the spee can copy now and increasing 5 wpm for each 30 minute session. I been his experience that people, using these tapes 5 days a week b and from their destination of at least 30 minutes, have gone from ze 40 wpm in four weeks. Make each tape on a different subject.

7DK AT THE BEACH: This will be on Saturday, April 8, 10:00 AM to 00 PM at Owen Beach at Pt. Defiance. It will be a potluck function, with 7DK furnishing hot dogs, coffee and pop. We have invited the Mike nd Key club, who will furnish tents in case of inclement weather, and we ill also be joined by members of the North Kitsap ARC. Again there will e Antenna Wars to perfect our antenna design/building skills and we will end special QSL cards to all contacts made that day.

ACKET: The next packet meeting is on Tuesday, March 21, at 7:30 PM the clubhouse. Again, if you have a packet station that isn't working, ing it along and we will get it on the air for you.

ACES/ARES: Shirley, N7QHW reminded everyone that they are still oking for volunteers for the Soundquake '95 exercise, occuring from 00 AM April 26 until noon April 27. Also, she and Brian, KA7KUZ, are orking together on the emergency communications for the radio club.

ARK PARTY: The bark party will be held March 2 at 10:00 AM at the CT clubhouse. Free coffee and donuts for everyone.

7DK ANNUAL AWARDS BANQUET: The banquet will be held at the acoma Elks Saturday, February 25, at 7:00 PM. Tonight is the last time purchase tickets from JM, KC7DKH. Jim, K7YLM encouraged veryone to attend.

EW MEMBERS: Certificates were presented to Ian Stopoulos, C7EXF; Morel Guyot, KC7FCI; and Jack Davis, W7IMW; and ertificates were available for Charles Myers, KC7HFP; Ruth Herrington, 7KYN; George Herrington, N7KYM; Todd Myers, KC7ITR.

RROWS: The next meeting will be held at the home of President, essie, KC7BAL, Saturday, March 11, at 2:00 PM. It will be a dessert eeting. Bring your favorite dessert, along with the receipe, and we will hare these as well as watch a movie. ALL FEMALES ARE WELCOME!

IKE & KEY FLEAMARKET: This event will be held Saturday, March , at the Puyallup Fairgrounds. Several of our members will be lending ssistance.

SS MISSOURI PROGRAM: Bill, N7TEQ, one of our liaison members nnounced we had a good response with the signup sheet that was assed around at the last meeting. Also, their first Net was held Tuesday, ebruary 21, at 8:00 PM on the Mike & Key Repeater, 146.82.

DJOURNMENT: The meeting was adjourned at 9:00 PM.

Respectfully submitted,
Judy Kirkreit, AJ7R, Secretary RCT

adio Club Of Tacoma, Inc.
oard Meeting Minutes
arch 1, 1995

The Radio Club of Tacoma Board of Directors meeting was called to der at 7:30 PM by President Jim Kirkreit, K7YLM. There were seven oard members and seven guests present. A quorum was present for onducting official business.

REASURER'S REPORT

eneral Fund Checking	1,541.40
epeater Fund Checking	1,580.78
acket Fund Checking	377.94
ea Market Checking	525.00
oney Market Savings	13,631.09
cholarship Working Fund	100.00
cholarship Memorial Fund	2,571.64
ash On Hand	0.00
OTAL ALL ACCOUNTS	$20,327.85

INUTES: The minutes of the February 1, 1995 Board meeting were vailable.

EMBERSHIP: Total membership for 1995 as of this date is 383 embers.

REASURER'S REPORT: Jerry, W7BUN, called our attention to the ct that this was the first time in the club's history that our total funds ave exceeded $20,000. Judy, AJ7R, asked why the $500 agreed upon the budget in January for the Scholarship Working Fund was not flected in the Treasurer's Report. Jerry, W7BUN, said he would ansfer the funds.

ORRESPONDENCE: A newsletter was received from Kenwood, with arious Kenwood updates and information. It will be posted on the bulletin oard at the clubhouse.

Two requests were received for assistance with tuition expenses for e People to People International group. In keeping with the club's urrent scholarship criteria to support students studying in the radio ommunication field, Jerry, W7BUN, made a motion that we make a $100 scholarship donation to People to People Organization in the name of Daniel Nelson. Seconded by Brian, KA7KUZ. **MOTION PASSED.** The other request did not meet with the club's current criteria.

CORRECTIONS: Shirley asked for a correction of the February Board minutes where her call was incorrectly listed as N7QWH, instead of N7QHW, under HF STATION.

Mac, W7MSR, asked for an addition to the February Board minutes under FIELD DAY. He stated that, along with his feeling that on Field Day the club should concentrate on emergency preparedness more than contesting, he had also suggested that, for those who want to concentrate on contesting, the club participate in one or two big contests annually; i.e., CQ Worldwide or Sweepstakes.

Jerry, W7BUN, read from the ARRL rules on Field Day that the object is: "to work as many stations as possible on any or all amateur bands...and, in doing so, learn to operate in abnormal situations under less than optimum conditions. A premium is placed on skills and equipment developed to meet the challenge of emergency preparedness and to acquaint the public with the capabilities of amateur radio."

Brian, KA7KUZ, said there is room for both. Jim, K7YLM, says his priority is to get as many club members as possible operating on Field Day so that they can be trained. He said last year we had a lot of brand new operators on almost every band.

Mac, W7MSR, also stated that in the February Board minutes under MISSING ITEMS the tube tester and speakers listed as missing have been accounted for. The tube tester was simply on loan and the speakers were improperly identified.

WHITE BOARD: Jerry, W7BUN, says he is still searching for a new four by eight foot white board for the clubhouse for training. He wants one with a wide shelf. Jim, K7YLM, said he would help locate one.

ANNUAL AUDIT: Shirley, N7QHW, asked about the status of the audit. Ray, W7KFN, who has conducted the audit for the past several years, recommends we have an audit committee and possibly also contact a C.P.A. for advice. Ray stated there are certain requirements the club has both as an incorporated club of the State of Washington and as a 501 (c) (3) designated organization. Willie, KA7NXK, expressed his concern as to whether the membership fully understands all that is involved in being a 50l (c) (3) corporation.

BANQUET: Brian, KA7KUZ, announced that the W7DK Annual Awards Banquet was a success and suggested that we reserve the Tacoma Elks facility again for the 1996 Banquet. He will check on dates and availability.

HF STATION: Brian, KA7KUZ, reported that he has purchased the TNC for the HF Station, as approved by the board at the February Board Meeting. It is in the process of being installed.

EMERGENCY COMMUNICATIONS: Shirley, N7QHW, and Brian, KA7KUZ, said they met to formulate the club goals for emergency communications. The short term goal is to do some basic training so the station can be operational for the Soundquake '95 exercise on April 26 and 27. Long term goals would include developing jump start committees for repeaters and antennas and anything else that might be damaged and inoperable due to an emergency.

PARLIAMENTARIAN: Jim, K7YLM, announced that he asked Willie Bourlet, KA7NXK, to be the Parliamentarian for the Radio Club of Tacoma and Willie has agreed to fill that position.

BYLAWS: Mike, WB7DFQ, was asked about the status of the Bylaws, since he is a member of the Bylaws Committee. He said it is the Bylaws Chairman, Don Murphy's, N7AEJ, desire they be reviewed one more time and also there was a team decision to present the completed Bylaws to the President first.

Shirley, N7QHW, said there was a board decision to present the Bylaws to the Board. Mike said they would be ready for the April Board Meeting.

Brian, KA7KUZ, said we need to impress upon the committee that we need the Bylaws finished. Shirley asked if a copy of these Bylaws could please be presented to the members of the Board prior to the meeting, so the Board could better be prepared to act on this matter at that meeting.

LOGGERS BARK GRACE PERIOD: Ray, W7KFN, told the board that, because the Bylaws haven't yet been changed, they had no authority to send copies of the Loggers Bark to members that didn't have their dues paid when all memberships expired December 31, 1994. There needs to be a motion by the Board that says it's OK to send papers to those people who were members last year but haven't yet paid their dues and that this issue is the last one they will receive. Jerry, W7BUN, made a motion that we give club members a three month grace period (January, February and March) for receiving the Bark. Seconded by Shirley, N7QHW. **MOTION PASSED.**

MT. ST. HELENS EVENT: Ralph, KA7FIG, announced that he received confirmation from the Monument Committee that we have been selected to operate at the Mt. St. Helens Monument on May 18 for the 15th anniversary if the membership so desires.

REPEATER COVERAGE: Ralph, KA7FIG, says at this time there are 186 people who have not renewed their dues. One of the reasons given by some members was that we do not have a repeater system that is comparable to some of the other systems in the area. He said he would hope that the Board of Directors would take a look at this problem, set aside a certain amount of money in order to have an integrated repeater system and make it their top priority to have a first class system available to its membership before we lose more members.

Mac, W7MSR, said we are not a repeater club. We do aim to provide a public service.

Shirley, N7QHW, said she doesn't think one working repeater is enough for a club of this size and supports looking into what the cost would be to upgrade our system and get another operational repeater somewhere, whether it's a 440 repeater or putting our 147.38 repeater somewhere where it will work.

Jerry, W7BUN, said this is a general service club. We provide many services to the amateur radio community but he does agree something needs to be done about the 147.38 machine and we need more repeaters for the size of this club.

After much discussion, Brian, KA7KUZ, moved that a committee be appointed to evaluate the current repeater policy, survey the current membership, if necessary, develop new policy, if necessary, and develop long range planning regarding repeaters for W7DK. Seconded by Shirley, N7QHW. **MOTION PASSED.**

Jim, K7YLM, announced he has already appointed Mike Crawford, WB7DFQ, as Chairman for the Repeater Committee. He will be working with Co-Chairman Mike Compton, KB7ZDR. They will survey the goals of our club.

COMMITTEES: Ray, W7KFN, says we need to do more of the club's business in committee so the Board can concentrate on management of the corporation. We need to define the business of the club and we need to keep better records.

Jim, K7YLM, said when Ray talked about the State of Washington law and the United States law it said we are run by the Board of Directors. Does that mean that the membership has no vote in anything. "The membership, Ray said, approves the Bylaws, which tell the Board what they can do. The membership defines the authority of the Board."

Mac, W7MSR, asked Jim, K7YLM, "If there are any existing committees regarding repeaters or any other technical activities within this club. He asked what is his position at this time."

Jim said, "The Packet Committee is chaired by Mike, WB7DFQ. In July of last year the Technical Committee was broken into different committees by action of the board and in nearly every instance there is a chair. Mac's position, as the technical chairman, would be to give advice when asked, do repairs when asked, or do repairs on his own. Jim said he does not like this constant criticism by Mac. He just believes all our systems should be the best they can be and wants our membership to have a say in what they want. He says Mac has done much good for this club."

FLEA MARKET: Flea Market Treasurer, JM Spindor, KC7DKH, said we are beginning to get reservations for our Flea Market and also need to do some mailings so she asked the board for funding. Shirley, N7QHW, made a motion that we put $500 in the Flea Market checking account. Seconded by Mac, W7MSR. **MOTION PASSED.**

Jerry, W7BUN, stated that we need a contract in writing confirming the Charles Wright location. Jerry also made a motion that we give Jonmarie Spindor, KC7DKH, authority to sign for funds for the Flea Market checking account. Seconded by Shirley, N7QHW. **MOTION PASSED.**

REPEATER KEYS: Mac, W7MSR, stated that, in anticipation of the appointment of the repeater committee, he gave Jim the keys that give access to the 147.38/98 MHz repeater site at Spar Pole Hill.

MANAGEMENT: Ray, W7KFN, says the biggest problem he sees in this club is management. He strongly recommends all the Board members read RCW 2403, which is Nonprofit Corporations, requir
for the board and the authorities and so forth. Also re
Articles of Incorporation dated 1927 and the Artic
Amendment from 1992, which says the purpose and autho
the club. Read the Bylaws, our current operating guide, ar
Internal Revenue Code 50982, which defines the authority
of our problems we now have is that the AROWS Women's
is, in his opinion, a social club and cannot be associated v
radio club. It should not be written up in the Bark. It's a s
organization and should be treated as such by charging
using the clubhouse, etc. but read the law and the requir
and find out what you have to do so as not to get ourselv
trouble. He hopes that the updated Bylaws will co
problems that we've had.

ADJOURNMENT: Meeting was adjourned at 9:50 PM.

ATTENDANCE:

President	Jim, K7YLM
Vice President	Bill, W7GBC
Secretary	Judy, AJ7R
Treasurer	Jerry, W7BUN

Board members: Shirley, N7QHW; Mac, W7MSR;
KA7KUZ.

Guests: Ralph, KA7FIG; Willie, KA7NXK; JM, KC7DKH;
W7RGD; Ray, W7KFN; Al, KC7DDA; Mike, WB7DFQ.

Respectfully sub

Judy Kirkreit, AJ7R, Se

Radio Club Of Tacoma
Minutes For Regular Meeting
March 8, 1995

The meeting of the Radio Club of Tacoma was c
order at
7:35 PM by President Jim Kirkreit, K7YLM, with 83 memb
2 visitors present. A quorum was present for conducting
business.

MEMBERSHIP: There are 387 members as of this date fo

MINUTES: Previous minutes were available at the front
room.

MT. ST. HELENS EVENT: Ralph, KA7FIG announced th
18, 1995 is the 15th anniversary of Mt. St. Helens and t
Bang". RCT has been given a use permit by the Nation
Service for the Castle Lake Viewpoint, 3 mi. W. of the
center. We'll have one phone and one CW station
encourages participation. We have the use of the
WA7ASH, belonging to **Charles Jones** of Indeper
Oregon, for that day.

Jim, K7YLM, said, we will be joined by some membe
the Longview club and possibly members from N. Kitsap A

HEALTH & WELFARE: Lyle, KB7RBV, is recovering fro
surgery. Phil, G4UFH, also is doing well in England and n
need surgery. Parker Bundy, K7GYP, and Bob Weig
WA7IPR, are now silent keys. The membership obse
moment of silence.

HINTS & KINKS, TUNING & TRAFFIC: John, K
contacted 2 Russians, made many Japanese contacts, P
Cayman Isl., 2 Mexicans, Monserrat, Bahamas phone on 2
Don Olson contacted Georgia on 160 mtrs. Rich,
contacted Saskatchewan via RS 12.

TREASURER'S REPORT

General Fund Checking	1,1
Repeater Fund Checking	1,5
Packet Fund Checking	3
Flea Market Checking	5
Money Market Savings	13,6
Scholarship Working Fund	1
Scholarship Memorial Fund	2,5
Cash on hand	
Total All Accounts	$19,8

SS MISSOURI PROGRAM: Tom Sanders, W6QJI, President the N. Kitsap ARC told us that the program is proceeding very ıccessfully. Tomorrow on-board systems people will board the hip choosing sites for 3 HF stations, packet, satellite, and ossibly ATV. There is a net each Tuesday on Mike & Key's peater, 146.82 at 8:00 PM. The ship will be open to the public om May 20 through September 4. Crews will board the ship the 4th of August and install over that weekend and open stations for aining. The ship will be moved to another pier on August 28 and eptember 1 and 2 the actual program will take place. Many ubs are participating and many operators are needed. Also, ere is a need for help with Public Relations. Anyone interested hould see our club liaisons Lorna, KB7YTJ or Bill, N7TEQ. The all sign for this event will be WW2END. There will be a lot of ews coverage and CNN will be there.

ROGRAM: Alan, N7EAY, announced the next program, March 2, would be Jeff, K7JF, speaking on DX Packet Cluster, and on pril 1 Russell, KB7UKX, will talk about the MIR Space Station nd the Shuttle. He then introduced Tom Sanders, W6QJI. He poke on some of the misunderstandings that he hears on the air ontinuously concerning impedance matching and transmission nes and antenna tuners and some information you see in print at is at least misleading if not downright wrong. For an ample, there is a fallacy that only 1:1 ratio is OK. He commended using an SWR bridge or antenna analyzer and hecking the ARRL Antenna Handbook since it is a good source information. He said he was looking forward to the No. Kitsap RC joining the RCT for Antenna Wars at Owen Beach on April

OOKIES: Thanks to Nora, xyl of Lou, KB7WDB, and Jan arlsen, KC7AIW, for the cookies tonight.

EW MEMBER CERTIFICATES: Certificates were given to Tom anders, W6QJI; Julie Howe, KB7UFR; and Mark Creeley, C7IBZ.

ACES/ARES: Shirley, N7QHW, said that at the next meeting ne will pass around a sign-up sheet for those who are interested helping to man the HF station for Soundquake '95 on April 26 nd 27. She will be scheduling sessions for training in April close the actual date of the exercise. Volunteers are needed.

CKEM STICKEM PARTY: Shirley, N7QHW, announced the ark Party will be March 30.

LEA MARKET: Alan, KB7SVU, Chairman of Flea Market, nnounced that he has passed out flyers to Portland, Bremerton nd Seattle and we have had some replies already. Flyers will so be handed out at the Mike & Key Flea Market Saturday. He ll needs a Public Relations person so please contact him if you an help.

7DK AT THE BEACH: Jim, K7YLM, announced this year's 7DK At The Beach will be held again at Owen Beach on aturday, April 8, from 10:00 AM to 4:00 PM. It will be a potluck. here will again be Antenna Wars and we will be joined by the ike & Key ARC and No. Kitsap ARC. We will have tents if it ins, furnished by the Mike & Key club.

ACKET MEETING: Mike, WB7DFQ, announced the next eeting will be at the clubhouse on Tuesday, March 21, at 7:00 M. As well as helping anyone set up their system if they need lp, they will make plans for the future of packet radio within the adio Club of Tacoma. Come with your ideas.

EW YOUTH GROUP: Jim, K7YLM, appointed a chairman for a w Youth Group starting in the Radio Club of Tacoma, Jeff olwege, AB7DN. Jeff said they are open to suggestions and ome of the possible ideas they have are: a station for youth at 7DK At the Beach, "how to" classes on soldering and antenna uilding, small kits available for building QRP rigs, etc., field trips ICOM or Museum of Flight, and possibly special guest peakers. He also spoke on the possibility of a youth net.

WWARA REPEATER DIRECTORY: Jim, K7YLM, said we are still offering the new Repeater Directory at the special price of $6.00. Anyone interested should see the secretary, Judy, AJ7R.

VE TESTING: Jerry, W7BUN, announced there will be VE testing at the RCT clubhouse Saturday, March 25, at 10:00 AM. VE's are needed. Please see Jerry if you can help.

ADJOURNMENT: The meeting was adjourned at 9:05 PM.

Respectfully submitted,
Judy Kirkreit, AJ7R, Secretary RCT

Dogs and Grounds
An Unusual Service Call

This story was told by Pat Routledge of Winnipeg, Ontario, about an unusual telephone service call he handled while living in England.

It is common practice in England to signal a telephone subscriber by signaling with 90 volts across one side of the two-wire circuit and ground (earth in England). When the subscriber answers the phone, it switches to the two-wire circuit for the conversation. This method allows two parties on the same line to be signaled without disturbing each other.

This particular subscriber, an elderly lady with several pets, called to say that her telephone failed to ring when her friends called, and that on the few occasions when it did manage to ring, her dog always barked first.

Torn between curiosity to see this psychic dog and a realization that standard service techniques might not suffice in this case, Pat proceeded to the scene. Climbing a nearby telephone pole and hooking in his test set, he dialed the subscriber's house. The phone didn't ring. He tried again. The dog barked loudly, followed by a ringing telephone. Climbing down from the pole, Pat found:

* the dog was tied to the telephone system's ground post by an iron chain and collar.

* the dog was receiving 90 volts signaling voltage.

* after several jolts, the dog was urinating on the ground and barking.

* the wet ground was now conducting and the phone rang.

Which goes to prove that some grounding problems can be passed on.

Tnx *THE ELECTRON* - Newsletter of the
Sterling-Rock Falls, IL, Amateur Radio Society

Radio Depot
360 / 377-9067 (local)
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2135 Sheridan Rd. Suite F - Bremerton, WA 98310
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Also Stocked: Various RF/Mic Connectors, Coax/Rotator Cables and selected products from Cushcraft, Daiwa, Diamond, Hustler, ICOM, Kenwood, RF Concepts, Uniden, Bearcat, and Yaesu.

Radio Depot Offers the Largest Selection of Standard Radio and MFJ Products In WA.

Auto Patch Change

May 1, 1995

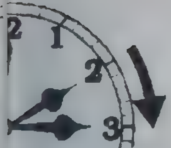
For the New Code

Call

Mike,WB7DFQ,
531-4789

or

Shirley, N7QHW,
265-3661



April 1995

W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1 PINOCLE/ Potluck Clubhouse 7pm *April Fools Day* #KEN'-WA2JQW
 Daylight Savings BILLY-KA7IQQ MIKE'- N7QNR STEF' KB7PKF TOM'- KB7VOO	3 *NOVICE/TECH. Class Starts Clubhouse-6:00pm* #JEFF'-WB7NND # JIM'- WT7Y	4 147.28 NET 7:30 PM ----------------- # BARNEY-N7TFB # ORVAL-N7GSR # MARTHA-N7GUE #DOT' MYERS	5 Board Meeting Club House 7:30 pm. #BECCA -KB7YCL # CHARLIE-KB7UDG #BILL' KI7YK	6 # LLOYD-W7LUI # RICH'- NE7T	7 #MIKE'-KB7UXU # TAM KC7BAC #KATRINA-KC7GQB	8 *W7DK at the beach OWEN'S BEACH 10am-4pm* #BURT'-WA7QQK
alm Sunday HARRY-N7DOE	10 #DOUG'-KC7HIJ	11 147.28 NET 7:30 PM ----------------- # BOB - WA7ZZA	12 W7DK MEETING Library 112 St. E.& WALLER RD. 7:30pm # ERIC -WB7OYL #MILTON-N7ZWS	13 # LEE'- W6PZF # DON'- K7DK # FRANK-KB7RYS	14 #HAP'- KB7UXD *Good Friday*	15 # NEWT'- WN7L # JOE'- WZ7M
6 ERRY -K7ETU BOB'- KB7SWW TEPHEN-AB7HI *Easter* 	17 #RICK'- KN6LD #GERALD-KB7RXB #JIM'- N7YFO	18 147.28 NET 7:30 PM ----------------- MVWS VE TESTS	19 A.R.O.W.S. MEETING-Clubhouse 7:30pm. # BOB'- W7RXS # JOHN - N7FOW #ANDREW-KB7YTL	20 *LOGGER'S BARK "DEADLINE"* # GEORGE-N7KYM	21 # PAT'- N7CAK #JEFF'- KF7FR	22 #DOROTHY-KG7WG # JOHN-KC7FGG
3 HANDLER-KC7EYZ	24 LADY'S PINOCHLE-CLUBHOUSE NOON	25 147.28 NET 7:30 PM ----------------- # BOB'- K7IND	26 W7DK MEETING Library 112 St. E.& WALLER RD. 7:30pm # JANET -N7QHU #MIKE' KB7RIF # OWEN KB7UXP	27 # BOB'- N7HXX # JIM - N7OIP #DAN' NELSON	28 #MERTON-KA7NRA #LARRY- KB7RLG # ED'- KC7BAI	29
0 TOM'- N7LTI LARRY-KD6TKY						

Happy Birthday!

Coming Events

Apr 1 - Pinochle/Potluck 7 PM

Apr 3 - Novice/Technician class starts - 6 PM - Clubhouse - Register with Bill Shimmin, W7GBC, 584-1086

Apr 5 - Board of Directors meeting - 7:30 PM - at the Clubhouse - all members are invited.

Apr 8 - W7DK At The Owen Beach 10 AM - 4M

Apr 12 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - Program: Russell Foster, Contecting to the MIR Space Station and Space Shuttle.

Apr 19 - AROWS 7 PM at the RCT Clubhouse

Apr 24 - Ladies Pinochle 12 PM at the RCT Clubhouse

Apr 26 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - Program: Jim Brown, Antennas Wired to Hot Air Balloons

May 8 - All Class License Exam Clubhouse 6 PM

May 14th - Mother's Day Breakfast - RCT Clubhouse - 8-11am

May 18 - Mt.St.Helens Adventure

May 20-21 - Yakima Hamfest

May 25 - Extra Class Workshop starts - 6:30 PM -at the Clubhouse - Register with Jerry Seligman, W7BUN 845-7652

Jun 2-4 - ARRL NW Division Convention - Seaside Oregon

Jun 17 - License Exams - all classes - 10 AM - RCT Clubhouse

Jun 18th - Father's Day

Jun 24-25 - Field Day - Marymount

Jul 21-23 - Northwest DX Convention - Renton

Aug 12 - RCT Flea Market '95 - Charles Wright Academy

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

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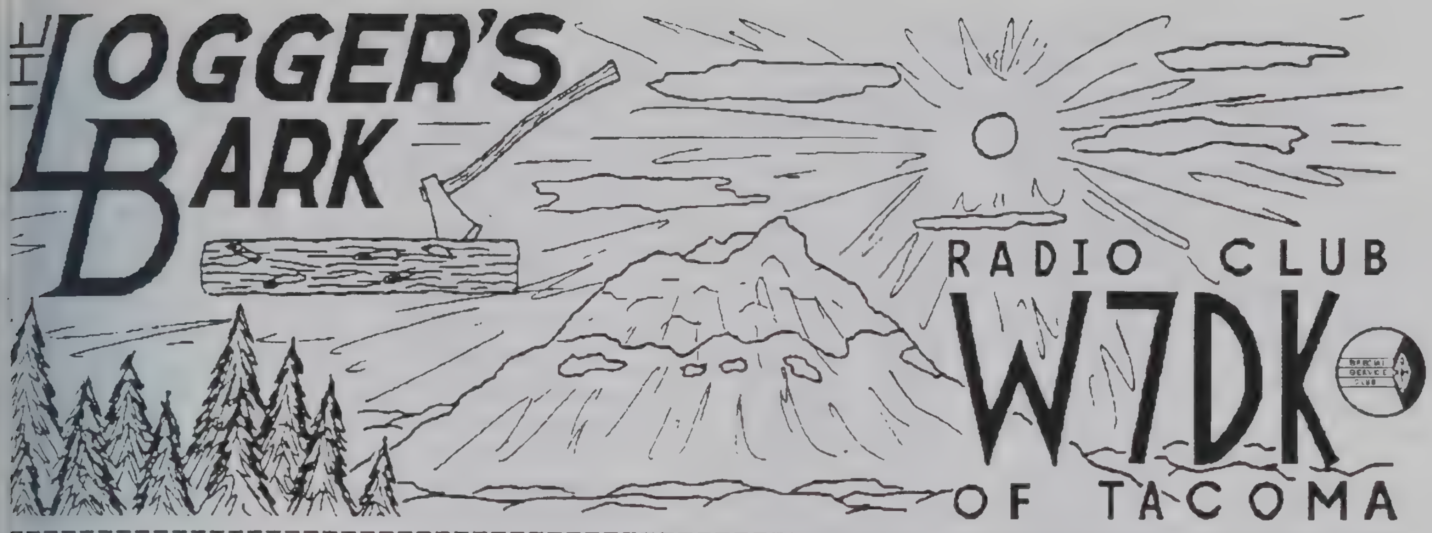


OL. XXXII NR.5 W7DK MAY 1995

From The President

de Jim K7YLM

THE PROMISE

Recently a project called the Contract With America was conceived, formulated and completed. The idea was highly successful. I believe the basic reason for success of this or any program is the incorporation of ideas from the population.

The incorporation of your ideas has taken this club from a rather quiet istence to one of the leading, most active clubs in the untry.

Our HF radio station was off the air for many years. Now i s a world class station with a lot of activity. Outdoor activity as limited to Field Day. Last year we had five outdoor ining events. This year we will have even more. Our packet ogram was down to a handful of users. As a result of your erest and concern the W7DK BBS is now fully operational d has nearly 200 users.

Thanks to the efforts of our editor and his staff our club wsletter is a national standard for excellence. Your mments and our editorial awards are proof that our Loggers rk is the best!

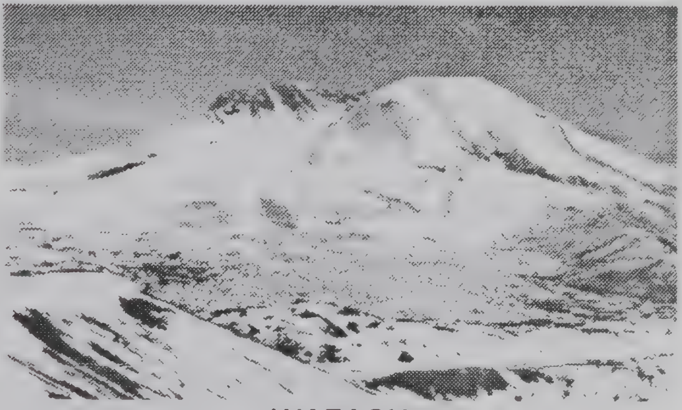
As a response to club and community requests, our ining program is now year-round. We have nine months of ining for new and prospective hams, training in basic rough advanced theory, training in code, training in antenna d station operation and hands-on training on building ectronic projects.

We are currently working with other clubs in the velopment of programs of mutual benefit and interest.

I am proud to say that many of the projects identified by e club Advance Planning Committee have been complished and many others are in process. You have my omise that all the new advance planning will be complished by coordination with the membership by survey d other means.

Our repeater program is prime in importance to mmunicate with each other, to talk to our families via our topatch and to provide communication during an ergency. I have received more comments and requests for stem improvement on our repeater system than any other

(cond't on page 3)



WA7ASH

Official Voice of the St. Helens Monument

The culmination of four months of writing, phoning, discussing and advertising is getting ready to roll.

To reach Castle Lake Parking lot you travel South on I-5 to mile marker 63 and exit in the left hand lane. Follow the signs of ST. 505 through Toledo. There is a BP gas/food mart on the northern end of Toledo.

Follow St 505 South bound until you come to an intersection St. 505, turn left and in several miles you will come to a Texaco Station and a small restaurant. This marks the end of civilization to Cold Water Ridge visitor center which serves food all day at Government Visitor Prices.

Our use permit is for the Castle Lake Parking lot which is the curve of a banana two miles west of Cold Water Ridge. In the picture of the mountain the left hand corner of the picture is the lot. Andy Braaton, KB7DOX, will have a truck full of equipment. early Wednesday afternoon. We are allowed two trailers and their vehicles on site Wednesday afternoon. Bill Brown Jr., W6TAO, and Lorna Nelson, KB7YTJ, are providing us with our official trailers. The Motel list in Castle Rock is as follows:

Mt. St. Helens, 360/247-7721; Timberland Motel 360/247-6002; Motel Seven West, 360/247-7526; Kid Valley 19 Mile House, 360/247-8779 which was mentioned as the last of the food.

Who may come to our little antenna party? Any club member who wants to make the drive. Who may operate on May 18th, the fifteenth anniversary party put on for and by friends and members of W7DK?

Any one who brings a radio, wants to operate on VHF/UHF, or the major HF official stations, or those mobile fly by night operators found in the blowdown.

Our official host is Jim Quiring, Administrator of Cold Water Ridge and he is just as excited as we are that we are coming

RADIO CLUB of TACOMA
1995

PRESIDENT	JIM KIRKREIT	K7YLM	927-7825
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
SECRETARY	JUDY KIRKREIT	AJ7R	927-7825
TREASURER	JERRY SELIGMAN	W7BUN	845-7652
BOARD (4)	SHIRLEY MURPHY	N7QHW	265-3661
	JOHN McALLISTER	W7MSR	952-7388
	ALAN ALLEN	N7EAY	475-7413
	BRIAN SPINDOR	KA7KUZ	756-5030
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	KAREN KILEN	KC7ACX	927-1054
COMPOSITOR	"NICK" OLSON	N7BCV	536-8940
PUBLISHER	W7DK PRESS	N7QHW	265-3661

****

CLUB MEETINGS

7:30 pm
Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411. 206 / 759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Mail all articles and advertising to Ralph Fuller, KA7FIG, 8208 Southway SW. Tacoma, WA. 98498. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO ***THE LOGGER'S BARK***, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/ Radio Club of Tacoma

147.88 / .28 MHz 144.97 - Packet
147.98 / .38 MHz (pl 103.5) 441.00 - Packet
224.52 MHz

New Members - as of April 24, 1995

Hugh Gardner, KC7IBW RCT# 1
2825 Queens Way Apt 1A
Milton, WA 98354 952-672

Nora Simmons, KC7JME RCT# 1
21915 78th Ave E
Graham, WA 98338 847-512

Phil Christilaw, KC7ICA RCT# 1
1405 156th St Ct E
Tacoma, WA 98445 537-117

Lora Jones, KC7JMN RCT# 1
Justin Jones, KC7IYF RCT# 1
Jeromy Jones, KC7JDM RCT# 1
20412 122nd St Ct E
Sumner, WA 98390 862-115

Marv Jacobson, KC7JKA RCT# 1
23610-63rd Ave E
Graham, WA 98338 (unknow

Steve Stolen, KC7KAZ RCT# 1
1409-85th St S
Tacoma, WA 98444-4439 (unknow

Reinstatements

Zac Pradel, KC7AZO
24826 16th Ave S
Des Moines, WA 98198 824-268

Tom Gilmore, W7PK
6407 21st Ave NE
Tacoma, WA 98422-1305 927-436

Garry Miller, KB7ZDS
7812 Leschi Rd SW
Tacoma, WA 98498 582-431

Address and Phone Changes

Calvin Crowe, KB7HJU
7706 Cirque Dr. W.
Tacoma, WA 98466 566-148

Harry Ball, W7HHP 922-289

Candy Plumlee, KB7KJX 884-290

Al Ambrogio, WA7DUK 565-876

Bob Johnson, KB7MRZ
POB 112283
Tacoma, WA 98411-0283

Steven Moore, N7KBH
1513 4th Ave W
Seattle, WA 98119-3016 627-554

Sherrill Stracener, KB7WQH
201 Union Ave S #27
Renton, WA 98059 227-938

Tom Stanley, KB7VOO
POB 85
Roy, WA 98580-0085 360/458-47

Bud Mitze, KC7AVT
3744 N Villard
Tacoma, WA 98407 752-315

Jeff Freedman, K7JF
6711 47th St Ct W
Tacoma, WA 98467 584-536

New Call Signs

Arnold Couch, KC7JPP

Stephen Gorham, KC7KAQ

The Editor's Log Pile

de Ralph, KA7FIG

Is the **Radio Club of Tacoma** a **radio club** or a **repeater club?** This question occupied some heated discussion at the **April Board Meeting**. Leading up to this question was a period of time two months ago which was very difficult for me. With fifteen years of longevity as a RCT member; twelve of those years with ARES; founder of **MASS of Pierce County Search and escue** and a member the last eight years; having served on he RCT Board; the third year as the Editor of the *Bark;* I hought I was a heavyweight. **Only on the scales!** My ego tarted to take a real bashing when I expressed my opinion at **MASS Board** meeting, as a guest, on frequency bands and he purchasing of radios and other emergency equipment to perate the MASS, SAR, group communications. I was formed that a modern **Search and Rescue Team** had to se frequencies that were **available full time, reliable, nked and operable in the greater Pierce County South uget Sound Zone.** *So much for 220 MHz, which was just iven away as a pacifier to our previous repeater chairperson.*

The **Radio Club of Tacoma's** repeaters as **147.28** would e great for special events like the Daffodil Parade and other AR operations in Tacoma if it had a clean transmitter and overed downtown. The **147.38** repeater is in an outstanding osition on Spar Pole Hill for the rest of the Daffodil Parade r communications and other emergency SAR operations in he County. The Parade passes right through Puyallup, umner and ends almost under **147.38** in Orting which would e outstanding if the repeater worked at all. For many years CT was the voice of the **Daffodil Parade** and the **Special lympics**. However, if the repeaters don't work, all of this ditor's years of experience in public service with ARES, ASS and RCT goes for naught.

Today many of our **No Code Techs** as well as other **censed hams** are buying dual banders for less than I paid r a 2 meter handheld five years ago. It was explained to me detail that many new people in radio are turning their ttention to integrated repeater networks that fit their xpectations. RCT's lack of an integrated repeater network rives away prospective members.

As a matter of fact many hams have gone to **cellular elephone** for basic communications. There is so much ompetition in the business market that cellular has become uite affordable to the "middle class."

Another affordable **paging communications market** has een developing so fast that by the time you learn how to use our pager, that system is obsolete. This industry is also on he cutting edge of the indispensable must-have must-use echnology. As I don't have a pager anymore and I don't have cellular telephone, I'm stuck with the old fashioned system f auto-patch which means **440 MHz if I'm outside of the Hill Top".**

All of this education was being thrown at me and my old ashioned world when I noticed that nearly **two hundred embers of W7DK had not renewed their membership in 995.** I asked and received a list of those former members. efore I got through the **B's, I saw names of owners of two ully integrated repeater networks who used to be the eart of DK's repeater committee. These members, their valuable expertise, (and their spectrum analyzers) just went away.** The **tragedy** is many of our members have followed the modern technology and gone away, too.

Radio Club or Repeater Club; it sure does matter!

Now W7DK is turning its muscle towards the beginning of a brand new super year which had its kick-off **April 8th at Owen Beach**. Three weeks away is a really big event in our world in which **WA7ASH/W7DK** will be the **Mt. St. Helen's Monument Amateur Radio Station.** What began as a little idea has turned into an avalanche of activity. Officially DK will have two HF stations in the **Monument** on the air **May 18th** to share with the **World** the fifteenth anniversary of the devastating eruption. By popular demand Bob, KB7NBQ, has invited himself to be the voice of VHF/UHF. I expect some other RCT mobile hams will be in and out of the blowdown.

Before the Club gets to **Field Day** the end of June we will have already had three major field days in preparation. All of this total Club involvement is aimed at the 50th anniversary of the Japanese signing of surrender which closed W.W.II on the deck of **Mighty Mo**. Our Club **President** has promised in the name of the **Radio Club of Tacoma,** the oldest and best Amateur Radio Club in the **World,** will help carry the day Although the **Coast Guard** has eliminated CW as one of their historic forms of communication, W7DK will keep that part of the ship afloat.

Timber

Mother's Day Breakfast

Mother's Day, May 14th is just around the corner. We hope the Clubhouse at 1249 S. Washington will be packed to the maximum. As in the past, the doors will open at 8 am and close at 11am.

The cost is easy. **Mothers are Free**, children under 12 are $1.50 and everybody else is $3.

The menu will be hotcakes, eggs any style as ordered, a slice of ham, orange juice, coffee or tea.

Traditionally this breakfast has been put on by the men of the Club. **HELP!** On the job training is available. I need four or five volunteers to help with the cooking and serving.

To volunteer, please call Rich, N7ANF, 474-8883

(From The President - cont'd from page 1)

project. I have appointed Mike, WB7DFQ, as our Repeater Chairman and I have asked that he work toward the following: The elimination of a major portion of the interference and the incorporation of some modern features on the 147.28 machine. I have also asked that he form a group of RCT members to study what can be done to improve our 147.38 machine, the possible addition of a 440 repeater and the search for repeater sites which could give substantially improved performance and coverage.

Mike is also working on the development of a training program for persons interested in repeater operation and repair. To further improve this operation a questionnaire will be presented to get your ideas, goals and assistance.

You have my promise that on any major project or undertaking you, the membership, will be consulted and your wishes will be carried out.

Silent Key
Walter Senters, KA7IOZ

died Apr 6, 1995 at age 82

RCT# 1087

News from ARRL

de Jerry, W7BUN

The FCC has allocated the 219 to 220 MHz band on a secondary basis to the Amateur Radio Service for point-to-point fixed digital message forwarding systems. The ARRL had requested this allocation as a partial compensation for the loss of 220-222 MHz in 1991. Technician and higher class licensees will be permitted up to 50 watts PEP output. The primary occupant of this band is the Automated Maritime Telecommunications System (AMTS). To protect AMTS users, the FCC has designated the ARRL as the national contact point and must maintain a database of all amateurs operating in this band. Amateurs operating within 50 miles of an AMTS coast station will need written approval of the AMTS licensee.

The ARRL has filed comments on FCC's notice of proposed rule making concerning a new Emergency Alert System (EAS). The EAS proposal will integrate broadcast alerting concepts into local and regional emergency response plans, and the League said that the Amateur Radio Service is a logical partner in providing emergency information to the public.

The ARRL has petitioned the FCC for partial reconsideration of one aspect of its vanity call sign program. The League has asked that the Commission require that amateurs requesting vanity call signs specify choices in the call sign region of their then-current mailing address. The vanity call sign program that FCC is implementing would allow amateurs to request call signs with any number, rather than the current system of assigning a number to represent an area of the United States. In related news, the FCC has proposed that vanity call signs could be made available for an administrative cost of only $3 per year, or a $30 fee for a 10-year license.

The condition of ARRL President George Wilson, W4OYI, who suffered a stroke in February, has now improved and he has been transferred to a transitional care facility near his home town of Owensboro, Kentucky, until he is ready for admission to a rehabilitation facility.

Another amateur has been killed while erecting an antenna. On March 18, Ernest Rutledge, KC5CQR, of Keller, Texas, was helping a friend install an antenna in his backyard and was electrocuted. SAFETY FIRST!

Attention ARRL members making DXCC submissions or using the outgoing QSL service: no need to remove your mailing label from your QST as proof of membership. Make a photocopy of the label (or of your membership certificate or wallet card) or simply jot your membership number on a separate piece of paper. The use of plastic bags was resulting in several hundred copies of QST being chewed up by mail handling machinery in the postal system, so labels are now printed directly on the covers.

Fred Maia, W5YI, has petitioned the FCC to ban all one-way transmissions such as code practice and information bulletins on the amateur bands below 30 MHz. If approved, this would silence the ARRL's daily bulletins and code practice from W1AW. The FCC has assigned file number RM-8626 to this petition. Comments may be sent in the form of a letter to the Secretary FCC, Washington, DC 20554. The file number must be shown prominently at the top. An original and five copies is preferred, but single-copy comments will be accepted. A copy should also be sent to Mr. Maia's attorney, Raymond A. Kowalski, 1001 G Street NW, Washington 20001. A copy to the ARRL would be appreciated. Dea for comments is May 4th.

The FCC will soon make available the amateur lice database on the Internet. The plan is to make the database available with weekly updates. This should re inquiries about pending licenses and be helpful to preparing applications for vanity call signs.

20 Years Ago - May 1975

Howard, W7MRX, is passing out entry blanks at the meetings for the homebrew equipment contest for this Hamfair. The Women's Auxiliary gave $300 to the Radio for new chairs for the Clubhouse. Olie, WN7YXY, is the Day Chairman and he is looking at a site near Steilacoo this year's exercise. Rick, K7GGD (later K7MF, now Key) is sponsoring a contest based on telephone area Marv, WB4JBS (now KG7V) is in the final stages of RCT's new repeater on the air.

The old timer's night at the clubhouse was a success. The Clubhouse was packed and among the was Al Stenso, K7LV, from Medford, OR, the first Secret the Club in 1916. 20 members of DK were seen at the Hamfest at Bryant, WA. A few even won door prizes. Club's committee to send comments to the FCC on D 20282 is now surveying RCT's members. The Dock approved, would drastically restructure the Amateur Service.

Amateur Extra Class Workshop Offered

An Amateur Extra Class workshop will be held Thursday evenings beginning **May 25th** at 6:30 PM. If an Advanced or have passed the Advanced exam, and some help to pass the written Amateur Extra examin contact Jerry, W7BUN, at 845-7652, to register. The Extra Class License Manual will be used as the study and will be available at the class.

Autopatch Access Code To Change In May

The annual repeater autopatch access code will ch **May 1**, 1995. Club members may contact Shirley, N7C at 265-3661 or Mike, WB7DFQ, at 531-4789 for the new

Radio Club Of Tacoma - VE Testing

The Radio Club of Tacoma, W7DK, will be offeri **all license class** examination session on **Monday 8, 1995 at 6:00 PM** at the RCT Clubhouse locat 1249 S Washington St. in Tacoma WA. registration not required. Be sure to bring original copy of license and any CSCE plus a piec identification.

For further information call:
Jerry Seligman, W7BUN at 845-7652
Walk-Ins Are Always Welcome

Logger's Bark Subscription

Please send all new and renewal subscriptions fo *Logger's Bark* to:

Shirley Murphy, N7QHW
161 Maple Lane NW/Raft Island
Gig Harbor, WA 98335-5949

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RACES/ARES

de Shirley N7QHW

By the time you read this Soundquake 95 will be history and a very busy month will be behind us. In addition to the earthquake exercise we also participated in the MS Walkathon, Daffodil Parade, and the March of Dimes Walk. As if this isn't enough, TAC ONE and Search and Rescue has also had a very busy month. But in spite of the many hours of support provided by our members, they are always ready when the need arises. It takes very special people to fill these shoes and we are sure proud to have so many of them in our organization. A great big **THANK YOU** goes out to each and every person who volunteers for our respective organizations. It sure couldn't be done without you.

The W7DK Official Emergency Station was operational for the earthquake exercise. Several of our members attended a training session on April 22 to learn about NCS and Traffic Handling as well as how to operate the station, generators and how to switch the power from commercial to generator. Lots of things happening and there is more to come in the future. There are some classes that are given by the Department of Emergency Management that will be necessary for us to attend. I will provide more information in the future as to what they are and when they are available so we can all get there to participate.

And while we are speaking of Public Service, we are pleased to announce that there is a new **Public Service Event Coordinator** who is **Judy LaFleur, N7NII**. Judy can be reached at **847-5198** if you are interested in helping out for any events. There are still more events coming. June 10 is the big Sound to Narrows Run and lots of volunteers are needed for that and in July will be the Tour de Pierce(bike-a-thon), usually about the second weekend in July. It seems both of these events will add something new to your wardrobe in the form of a special T-shirt. If you are unable to contact Judy, feel free to call me, Shirley, N7QHW, at 265-3661 and I'll get your name to Judy.

Tip Of The Month - "During An Earthquake"

Keep calm, and stay where you are. Most injuries during an earthquake occur when people decide to enter or exit buildings.

If you are **indoors**, take cover under a desk, table or bench, against an inside wall or woodframed doorway, and hold on. Stay away from glass, windows, outside doors or walls and anything that could fall and hurt you, such as lighting, furniture or fixtures.

If you are **outdoors**, stay there. Move away from buildings, street lights and utility wires.

If you are in a crowded **public place**, do not rush for a doorway- other people will have the same idea. Take cover, and move away from display shelves containing objects that may fall.

In a **high-rise building**, get under a desk, away from windows and outside walls. Stay in the building on the same floor. Do not be surprised if the electricity goes out or if sprinkler systems or elevator or fire alarms go on- this often happens. Do not use elevators!

If you are in a moving **vehicle**, stop as quickly as safety permits, and stay in the vehicle. Avoid stopping near or under buildings, trees, overpasses or utility wires. Then proceed cautiously, avoiding bridges or other elevated structures which might have been damaged by the quake–or could be damaged further by aftershocks.

Be prepared for aftershocks, which have been known to occur from less than one minute after the initial shock to more than one year later. Most aftershocks occur 24 to 48 hours later. These secondary shockwaves are usually less violent than the main quake but can be strong enough to do additional damage to weakened structures.

Do not use candles, matches or open flames either during or after the earthquake because of possible gas leaks.

If you live near coastal waters, be aware of possible tsunamis, also known as tidal waves. When local authorities issue a tsunami warning, assume that a series of dangerous waves is on the way. Stay away from the beach.

AROWS

de Tressie, KC7BAL

Hello from the ladies of A.R.O.W.S.

What a fun time was had by all at W7DK at the beach at Point Defiance Park. The ladies group helped with the pot luck and there was a great variety of dishes. I would just like to thank all those who helped setting up the tables and the cooking, also to all those who brought a dish. Also I would like to thank all those who helped with the clean up afterwards.

The ladies met at the Clubhouse Wednesday, April 19 at 7:30 PM. The ladies discussed plans for RCT's Field Day and what we will need and what we will need to do. We also discussed RCT's Flea Market in August. The ladies have been asked to manage the concession again this year. We are starting to put things together and are looking forward to the fun and the work.

All ladies interested in being part of our group would be most welcome and you do not need to be a licensed ham, you only have to be interested and want to join us in our activities.

CQ de NNMN bt o 010001Z APR 95
FM COGARD CAMSLANT CHESAPEAKE, VA/NM

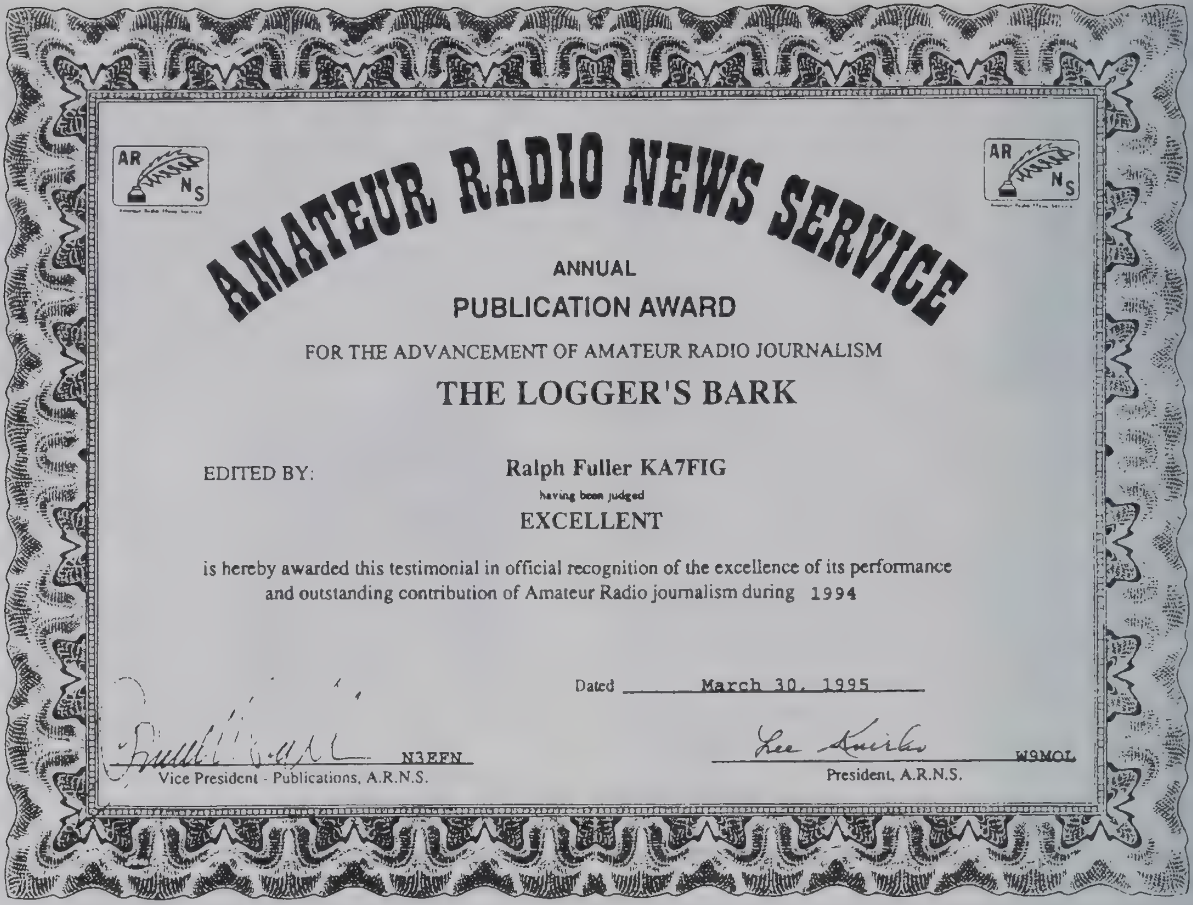
TO ALL bt

USCG now closing down continuous HF CW watch ceasing all morse code ops in the HF band. As we conclude our watch we wish the maritime community fair winds and following seas. We are proud of our tradition and long standing service to the mariner on morse code beginning in 1901 with the revenue cutter service experimenting with wireless as a means to communicate on land and sea to the first morse code radio installed aboard cutter Grant in 1903.

Our orig comms mission was to rcv distress alerts. But since 1901 the CG has faithfully and diligently listened for traffic responding to hundreds of thousands of calls fm mariners in need of assist or rptg position WX nav or safety info. Over the yrs we have provided mariners with urgent safety and nav warnings over HF CW and rcvd vessel location updates for the AMVER SYS.

We will feel a sense of loss with the passing of CW. The need for operators with sensitive ears and a fast precise key will be replaced by computers modems and auto alarms. The special emotion and excitement enjoyed by CW operators can not be duplicated and the chilling SOS signal will never again be rcvd by a CG unit. But CW has run its course and we now look fwd to serving you on the next generation of comm systems via the GMDSS.

Fm all CG telecomm specialists we bid you 73. What hath God wrought. Signed CG CAMSLANT. NMN



AMATEUR RADIO NEWS SERVICE

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THE LOGGER'S BARK

EDITED BY: Ralph Fuller KA7FIG

having been judged

EXCELLENT

is hereby awarded this testimonial in official recognition of the excellence of its performance and outstanding contribution of Amateur Radio journalism during 1994

Dated March 30, 1995

N3EFN
Vice President - Publications, A.R.N.S.

Lee Knirk W9MOL
President, A.R.N.S.

Amateur Radio News Service Grades *The Logger's Bark* Excellent!

de Ralph Fuller, KA7FIG, Editor

[Amateur Radio News Service is a newsletter service which critiques and evaluates amateur radio newsletters. They have graded the content and overall appearance of the *Bark*.]

When President Kathleen Nace, N0EYK asked me to help with the *Bark*, I took on the job to help my friend Dick Ryan, W7RGD. The publishing schedule had fallen behind because of the illness of Mrs. Ryan, Dick's mother to whom he devoted all of his energies. I had worked with the previous Editor, Scotty, K7CYZ. With Scotty's passing as a silent key, Dick, W7RGD was a one-man-do-it-all. My riding partner said he would help with the computer resources, so now there was Nick, N7BCV, and me. Without Nick the *Bark* you have come to know would never have gotten off the ground. I knew that putting out this newsletter was a constant pain for Kathleen, N0EYK. During this crisis of the *Bark* and the Club, Kathleen and her husband Roger Nace, K7AYC, were the steadying, helpful influence that I really appreciated. A lot of credit goes to Kathleen and her Board of Directors for staying the course and giving us the space and our resources to keep the *Bark* afloat.

A new President, Jim Kirkreit, K7YLM, came on the scene and said to me "you have total editorial control," which made the job easier. Shirley Murphy, N7QHW, was Secretary and a Lady For All Seasons. Besides writing her terrific ARES/RACES column every month, she was putting together the "lick'em stick'em party," with a team of loyal Club members. Shirley takes the *Bark* from the printer and delivers the newsletter by bulk mail to your mailbox. Shirley asked to help with proofreading, helping members with their articles and became a major resource of help to Nick and me.

Let me say now that Shirley and I were complete novices, appliance operators and computer illiterate. If necessity is the mother of invention then money, courage and perseveran
the grease that grinds the modem.

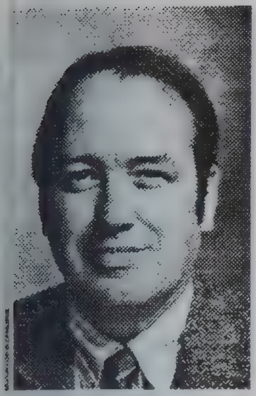
November of 1994, Judy Kirkreit, AJ7R, was ele
Secretary and had some experience helping with
articles. This removed RCT minutes from Shirley's shou
which freed up time and space for Shirley to help more
deadline necessities of the *Bark*. Although Judy may
been a novice when she started, she came on board li
house afire. The next step was to convince Marie F
KA7HEG, Sally Crawford, KB7PKJ, and Karen K
KC7ACX, to give us a hand with proofreading for better qu
control.

We were not operating in a vacuum. Jerry Selig
W7BUN, has been with the *Bark* for a very long
contributing half a dozen articles or items each issue.
W7RGD, through his semi-retirement for family me
problems and Shirley through thick and thin kept
columns going until the avalanche of articles started co
through the modems.

What incredible good fortune that as the President a
new people to his programs those members wanted to
about their RCT involvement. Every member has some
to offer to the Club. With the courage to volunteer t
something, you became exposed to the vitality the Club d
upon from the inside, all the while reaching outside int
community we serve.

From cookies at a Club meeting, to the Mother's
Breakfast, to Owen Beach Antenna Wars, to Mt. St. Helen
the SET Emergency Training, to the Mighty Mo, the
something for everybody. Most important is the courag
ask for help getting started. If help is what you need, just
Jim, K7YLM, and you'll have everything you could ever u
need. **Volunteering** is the key to keeping the door open.

Next time we send a *Logger's Bark* to ARNS to be gr
we will have some idea how we can be Superior. Tim



New Repeater Chairman Has a Plan!

de Mike WB7DFQ

As the new Repeater Chairman I would like to express my gratitude to Mac, W7MSR, for his contributions as Chairman of the technical committee for the past several years. The entire Radio Club of Tacoma owes him a great deal of thanks for the effort in both time and money, which he has expended to resolve the roblems with the 147.98/147.38 repeater and maintain our peater system.

I am going to take this opportunity to ask you, the embers of the Radio Club of Tacoma, for help. As I begin to ioritize the many tasks which face me, I have determined tat they fall roughly into three categories. The first are those t ngs which "need" to be done such as understanding and orrecting the interference which we see on 147.88/147.28. e second group include those things which it would be nice t do such as adding a few more bells and whistles to .28 and roviding an emergency power capability to all of our peaters. In the final category are things which we should onsider for our future plans such as a 440 MHz repeater, emote receivers for .28, and linking between repeaters within r system. Rather than make decisions which effect the lub's repeater system on my own, I am seeking your input. lsewhere in this edition of the *Bark* you will find a **uestionnaire** which concerns your repeater operating habits nd capabilities. Please take the time to fill it out and return t. The information which we gather from this questionnaire ill assist a great deal in developing our short and long term lans.

I will also need your help when the time comes to actually ccomplish those tasks which are identified as the things we ish to do. Whether you have a special talent such a tower mbing, access to VHF/UHF test equipment, or just a strong ck, "you" are needed to make "your" repeater system a uccess. There will be a lot to be accomplished so please ive freely of your time when the call goes out for assistance. gether we can make this thing work the way we want it. 73

For Sale

Kenwood 2Meter Mobile

Model TM-201A

With Mike, Speaker, Mounting Bracket

$250

Brand New In The Carton 2 Meter

Handheld HTX-202

$175

Call Jack,W7IMW, 564-3997

Effective immediately the Public can access the complete Amateur Callsign Database on the Internet.
Access anonymous FTP fcc.gov
Director PUB/XFS Alphatest/amateur
Full database Zip 32MB
Daily update 2.4 to 34KB

W7DK HF Station

de KA7KUZ

It started out as one of those typical Saturday mornings at the Club station. A myriad of things to take care of and people to talk to, when I heard there was a young ham that wanted to try making an HF contact. As usual, I jumped at the opportunity to get a new ham on the HF bands. After doing some explaining of how to call CQ, exchanging the basic QSO information, and what to talk about, I sat this person down at the mike and . . . nothing. A true case of "mike shy".

I've heard it all before and even experienced it myself , I don't know what to say', . . .' I don't know what to do', . 'what if I make someone mad', . . . 'what if I make a fool of myself ?!?'. Every person I have ever come into contact with has had the same kind of fears, whether it be fear of getting up in front of a group of people to make a presentation, getting behind the microphone on 20 meters, or pounding the brass on 80 meters. We're all afraid to make fools of ourselves. So where do we begin to get past this? This first starts with the amateur community in general. Seasoned hams must recognize the fact that each of us was a beginner in the hobby at one time or another. When you recognize an error, take the person aside and explain the rules of the road without being demeaning or causing embarrassment. Provide council to that person for their enrichment of the hobby without being condescending or trying to make yourself look good. Keeping this in mind, we all can do our part to further this hobby.

For the young ham that Saturday morning, do recognize the fear and realize that all good amateurs have the same fear. Does it still happen to me? You bet! Every time I sit down to the mike, although the fear is less and less with each QSO.

Why is this so important to me? Well, I myself have spent the last week just staring at a keyer because I was too afraid I would make a fool of myself on CW. I still have to remind myself and recognize that the only way I'll pass my 20 wpm is to GET ON THE AIR. So, I finally began with that first scary CQ (probably at about 5 wpm which I understand the ARRL HQ has some trained monkeys that can send faster than that (HI! HI!). I was helped along by others who knew what it was like to be a beginner. I'm still a little key shy, but I sure feel better knowing there are others out there to help me along.

Take heart my young friend, jump in with both feet and apply what you've learned! There's a whole community of amateurs out there that want to help you.

Wanted

BC-348 Receiver

C-124 Aircraft Telegraph Key

for Static Display being refurbished for the McChord Air Force Museum.

Items do not have to be in working order.

The Donation is Tax Deductible!

Call Ray, W7KFN, 206/572-9169

W7DK at Mount St. Helens

de Brian, KA7KUZ

May 18th, 1980, 8:48 a.m. Where were you? I was a desk clerk at the Admiralty Resort in Port Ludlow when the shock waves of the explosion shook the building. Without any obvious signs of the cause, we went back to work. Several hours later I learned that Mount St. Helens had erupted and it would be several days before we learned the full magnitude of what had happened. Several amateurs would die that day while providing communications to the area.

In recognition of those who died and the eruption of the mountain, W7DK will operate WA7ASH from Cold Water Ridge overlooking Mount St. Helens. Operations will begin at 8:48 a.m. and continue until . . . well, whenever we've had enough fun. Listen for phone operations 25 kHz up from the bottom of the General phone band on 40, 20, and 15 meters. CW operations will be 50 kHz up from the bottom of 40, 20, and 15 meters. Also tune in for operations in the middle of the Novice bands on 40 and 15 meters and the Novice Voice band on 10 meters.

The event will begin at 9:00 a.m. on May 17th at the clubhouse and leave for the mountain at 10:00 a.m. Set up will be in the afternoon and take down will be either the evening of May 18th or the morning of May 19th. To get this all rolling we still need lots of volunteers, trailers to operate from, a dual band 10 and 15 meter beam antenna, and anything else that might make for a successful expedition.

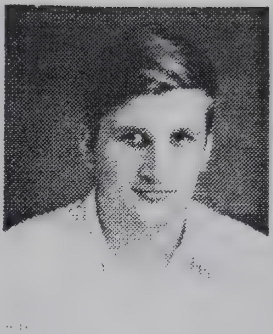
It's going to be great fun so come out and be a part of W7DK at Mount St. Helens. For more information, contact Brian, KA7KUZ at 756-5030; Alan, N7EAY at 475-7413; or Ralph, KA7FIG at 582-5841. -73-

VE Testing

The Maple Valley Wireless Society will conduct an all License examination the Third Tuesday of each month, and shall begin 7pm, promptly at the Auburn Fire Station located at 1101 "D" Street NE, Auburn WA
Should you like more information on how you might participate, call **Bill, W7GBC**, 584-1086, or **Ralph, KA7FIG**, 582-5841.

Walk-ins are always welcome.

Radio Depot
360 / 377-9067 (local)
800 / 291-9067 (within area code 360)
2135 Sheridan Rd. Suite F - Bremerton, WA 98310
Owner Dave Roddy, N7KZN
Store Hours: Monday thru Saturday - 10 AM to 6 PM
Mail Orders Welcome. Within area code 360 call 1-800-291-9067.
Dealer For: AEA Alinco, Allanteck, Ameco, Anli, ARRL, Artsci, Astron, Bencher, CQ Pubs/Videos, Genesys, Heil Sound, JPS Communications, K-Com, Larsen, MFJ, Maldol USA, Nara, Perifhex, Pouch, Radio Amateur Callbook, SPI-RO, Standard Radio, Valor Pro-Am and W5YI.
Also Stocked: Various RF/Mic Connectors, Coax/Rotator Cables and selected products from Cushcraft, Daiwa, Diamond, Hustler, ICOM, Kenwood, RF Concepts, Uniden, Bearcat, and Yaesu.
Radio Depot Offers the Largest Selection of Standard Radio and MFJ Products In WA.



The Code Seaso

de Mike KB

As the dreary, gray da
northwest winter slip relu
away from our small corner
world, hams everywhere have
to stir, anxious to release so
the energy that has remaine
up during our annual rainy s
It is time to start moving
ambitious antenna designs in
construction phase, and the lure of the great outdoo
begun its irresistible attraction. Luckily for us, we have
that is more than willing to keep up with the energetic dr
its membership: from our upcoming training sessions,
St. Helens, to Field Day and beyond, this year we are po
do it all. In keeping with this spirit, I am looking forw
seeing everyone out **trying** new things, getting on the a
just plain having fun. For this reason, I would like
attention to the wide variety of opportunities that abou
people to continue working on developing their Morse
speed and proficiency.

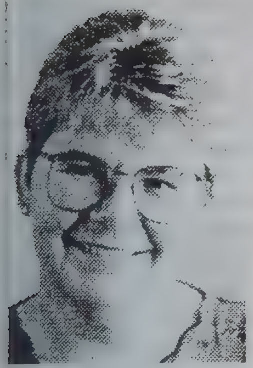
CW is a mode of operation that really cannot be des
like fine art or beautiful music, Morse code is somethin
must be experienced in order to be appreciated. At
upcoming event there will be code stations on the a
waiting to be used. If you have never experienced the fu
least **trying** this particular mode, now is a perfect time t
When W7DK goes out to the lake, or operates field day,
its call sign on the air at any number of other exciting ev
would like to encourage everyone to come out and get
air with CW. Can't send above 3 words-per-minute
problem! Getting on the air and **using** the code is the be
to improve your speed. The biggest thing is to simply
and have fun.

This fall the biggest amateur radio operating ev
recent history is set to take place on the USS Missouri
Morse code station is going to be a blast to operate,
encourage everyone to take advantage of this once in a li
opportunity to put WW2END on the air. You do *not* have
an expert code operator to work this station. In fact, I wo
delighted to have as many novices and slow-code peo
the air as possible. This is not about pounding out thou
of QSO's and racking up a high score. This event is
paying tribute to, and commemorating, a monumental e
world history. Those interested in operating the USS Mi
special event station are required to attend training se
before being cleared to operate. For more information on
training sessions, please feel free to contact myself , KB
(for CW) or Brian, KA7KUZ (for SSB).

The Radio Club of Tacoma is set to have one hec
year, and it is exciting to have the opportunity to be a pa
all. I hope to see everyone out having a good time, maki
of contacts and working CW!

The packet group has put together a book on p
operations. It will be an asset to both beginning and experi
packet operators. The cost is only $5.00. All proceeds w
used for the packet BBS operation. For info, call Jim, K7YL
927-7825. This book will also be available at the g
meetings.

Look to the W7DK bulletin board for DK news
(info on coming and past events)
d calendar (listing all DK events for that year).



Radio Club Of Tacoma, Inc. Board Meeting Minutes
March 19, 1995

The Radio Club of Tacoma Board of Directors meeting was called to order at 6:05 PM by President Jim Kirkreit, K7YLM. There were eight board members and our club Parliamentarian, Willie Bourlet, KA7NXK, present.

Jim, K7YLM, requested an advance of $100 for expenses for W7DK at the Beach. The board pproved.

The main purpose of the meeting was for the Board to view the final revision of the Bylaws, as submitted by the ylaws Committee composed of Don Murphy, N7AEJ, hairman; Dan McConnell, AJ7K; Mike Crawford, WB7DFQ; arilyn Olson, KJ7BN; and Willie Bourlet, KA7NXK.

After reviewing the proposed Bylaws, and making several nall changes, the Board of Directors voted for approval of e recommendations, as changed, for submittal to the embers of the Radio Club of Tacoma for voting to occur at e April 26, 1995 general meeting.

he meeting adjourned at 6:45 PM.

tendance: Jim, K7YLM; Bill, W7GBC; Jerry, W7BUN; Judy, J7R; Alan, N7EAY; Brian, KA7KUZ; Shirley, N7QHW; and ac, W7MSR.

Respectfully submitted,
Judy Kirkreit, AJ7R, Secretary RCT

adio Club Of Tacoma inutes For Regular Meeting
arch 22, 1995

The meeting of the Radio Club of Tacoma was called to der at 7:30 PM by President Jim Kirkreit, K7YLM, with 74 embers present. A quorum was present for conducting ficial business.

EMBERSHIP: There are 414 members as of this date for 995.

INUTES. Previous minutes were available at the front of the om.

PGRADES: John Holwege, KC7BKA, upgraded to advnced and Nora Simmons, KC7JME, received her chnician license.

REASURER'S REPORT

ENERAL FUND CHECKING	506.19
EPEATER FUND CHECKING	1,580.78
ACKET FUND CHECKING	377.94
EA MARKET CHECKING	1025.00
ONEY MARKET SAVINGS	13,682.78
CHOLARSHIP WORKING FUND	100.00
CHOLARSHIP MEMORIAL FUND	2,571.64
ASH ON HAND	0.00
OTAL ALL ACCOUNTS	$19,844.33

EW MEMBERS: A certificate was presented to Michael oore, KC7IRX, and one was available for Robert Kirk, 7LBO.

OGGER CONTACTS: Logger endorsements were given to ick, W7RGD, and Mark, KC7IBZ, and one was available for aniel, KC7BMK.

ERTIFICATES OF APPRECIATION: Certificates not able to e presented at the Annual Awards Banquet were given to: l, KC7DDA; Roger, K7AYC; and Kathleen, N0EYK.

EALTH & WELFARE: Lysle, KB7RBV, was present at the eeting and continuing to do well after neck surgery. Jim, KB7TZ, will have vascular surgery on his neck soon at Madigan.

COOKIES: Cookies for tonight's meeting were furnished by Shirley, N7QHW. Thanks, Shirley.

HINTS & KINKS, TUNING & TRAFFIC, etc.: Brian, KA7KUZ, worked Argentina on 80 mtr. phone. John, KC7BKA, worked UN7JX, Kazikastan. Hal, W7EC, worked a VE2 in Zone 2 on 160 and 75 mtrs.

CORRESPONDENCE: We received an invitation to participate in a QRP contest sponsored by the North California QRP Club on Saturday, April 1st, 1600-2400 hrs. Also we received a Kenwood Report, which we receive regularly, with updates on equipment and other Kenwood news. These are posted on the bulletin board at the clubhouse.

ANTIQUE WIRELESS MUSEUM: Jerry, W7BUN, announced a request is being sent this week to the FCC for a station license for our museum. Then, when the first gate opens to apply for special calls, having received a letter giving us permission to request his father's call, we will apply for Doc Spike's old call, W7OS. Jerry announced the ARRL dues go up April 1st by $1.00. He also announced that on April 1st the Coast Guard is closing down its last HF CW station and if you copy their last message you'll get a special certificate.

PROGRAM: Jerry, W7BUN, introduced former RCT President Jeff Freedman, K7JF, who spoke on Packet Clusters. He explained to all of us just what a node and a cluster is. He spoke, in particular, of his K7JF DX Packet Cluster and the procedures involved in getting connected. This method of communication is not restricted to DX'ers or contesters. As long as you legally can get on 2 meters, you're welcome to join.

RCT PACKET BBS: Jim, K7YLM, announced that a new feature has been added to our club BBS. If you type: L> DKnews or D Calendar you will get the latest in club news and events.

TRAINING AND TESTING: There will be testing for all classes of license this Saturday, March 11, at 10:00 AM at the RCT clubhouse. On Monday, April 3rd , our next novice/tech class begins at the clubhouse from 6:00 PM to 7:30 PM and will run for 11 weeks. All interested should register with Bill, W7GBC. Also, there will be an extra class workshop for four Thursdays starting May 25th. Those interested should contact Jerry, W7BUN.

ARRL: Mary Lewis, W7QGP, told us the April QST has all the pertinent information on the vanity calls and when and how to go about applying and also information regarding the restructuring of the ARRL. Also Mary said to look for the QST Magazine on newsstands.

EMERGENCY COMMUNICATION: Brian, KA7KUZ, passed around sign-up sheets. One sheet is for May 17/18 when we will travel to Mt. St. Helens to set up a station in commemoration of the eruption of the mountain. Also, he and Shirley, N7QHW, will be holding an emergency training session on Saturday, April 22, at the clubhouse. They will cover procedures for nets and handling messages, etc. They will also spend time on setting up the generators and setting the HF station up for emergency communication.

HF STATION: Last weekend Brian, KA7KUZ, made a great DX contact with 5N8 with Nigeria long path during the day. He is still working on the PK238 TNC for the HF Station. We will then be able to work HF packet, RTTY, etc. This weekend at the clubhouse, we will set up one of the generators and do a little training on how to get it started. Also, we will practice setting up antenna towers in preparation for W7DK at the Beach and for Field Day.

NEW TABLES FOR RCT CLUBHOUSE: Jerry, W7BUN, made a motion that we purchase eight more tables for the clubhouse. Judy, AJ7R, seconded the motion. After some discussion Jerry ammended his motion to purchasing six tables. Judy agreed with the change and seconded.. MOTION PASSED.

YOUTH PROGRAM: Shirley, N7QHW, expressed her surprise that Jim, K7YLM, at the March regular meeting had announced the formation of a new youth group. She questions if this should have been a presidential decision, without first bringing it before the board, since it is a new program. She's said she was not questioning the need for such a group, just the manner in which it was handled.

NEW AUTOPATCH ACCESS CODE: Shirley, N7QHW, and Mike, WB7DFQ, will be handling the dispersement of the new access code for the autopatch to begin May 1st.

REPEATERS: Mike, WB7DFQ, stated some testing is being done on 147.38. The Spar Pole Hill site may still be a desirable site and may work out for our 440 MHZ frequency. Mac, W7MSR, says it is essential that a site study be made. Shirley, N7QHW, made a motion that we pay the rental bill for this year while the study is being made. Seconded by Brian, KA7KUZ. MOTION PASSED.

ADJOURNMENT: Meeting was adjourned at 9:05 PM.

ATTENDANCE: President Jim, K7YLM; Vice President Bill, W7GBC; Secretary Judy, AJ7R; Treasurer Jerry, W7BUN; Board Members: Shirley, N7QHW; Mac, W7MSR; Brian, KA7KUZ; Alan, N7EAY. Guests: JM, KC7DKH; Al, KC7DDA; Rob, K7TGU; Mike, WB7DFQ; Russ, KC7EKI; Ralph, KA7FIG; Willie, KA7NXK; Alan, KB7SVU; Don, AB7DS; Ray, W7KFN; Marilyn, KJ7BN. **Respectfully submitted,**

Judy Kirkreit, AJ7R, Secretary, RCT

Radio Club Of Tacoma
Minutes For Regular Meeting
April 12, 1995

The meeting of the Radio Club of Tacoma was called to order at 7:35 PM by President Jim Kirkreit, K7YLM, with 70 members and 3 visitors present. A quorum was present for conducting official business.

MEMBERSHIP: There are 437 members as of this date for 1995.

MINUTES: Previous minutes were available at the front of the room.

***LOGGER'S BARK* AWARD**: Editor Ralph, KA7FIG, announced that the Radio Club of Tacoma had received an award and a rating of "Excellent" from the Amateur Radio News Service for the *Logger's Bark*. Ralph, KA7FIG, thanked all persons on the *Bark* Staff for their help. He said it is a united effort. He invited all club members to feel free to submit articles. The certificate will be framed and hung at the RCT clubhouse.

TREASURER'S REPORT

GENERAL FUND CHECKING	544.55
REPEATER FUND CHECKING	1,570.82
PACKET FUND CHECKING	377.94
FLEA MARKET CHECKING	992.00
MONEY MARKET SAVINGS	12,182.78
SCHOLARSHIP WORKING FUND	600.00
SCHOLARSHIP MEMORIAL FUND	2,599.98
CASH ON HAND	0.00
TOTAL ALL ACCOUNTS	$18,868.07

MEMBERSHIP: There are 437 members to date for 1995.

MINUTES: Previous minutes were available at the front of the room.

W7DK AT THE BEACH: Jim, K7YLM, announced that W7DK at the Beach was a great success. We put up lots of unique antennas and tested them. Members from both the Mi Key ARC and the No. Kitsap ARC joined us. We had 100 people attend.

LAST COAST GUARD CW MESSAGE: Jim, K7 announced he made copies of the Coast Guard's last message. If you need the address of where to send th receive a special certificate, see him.

UPGRADES: Bob, N7QOZ, passed the 13 wpm code e Gary, N7ZEQ, upgraded from general to advanced..

HEALTH AND WELFARE: Mike, KB7VNT, was at meeting recovering from knee surgery. Also, Sally, KB7 was with us, recovering from hip surgery. Hal, W7EC, his wife, Betty, is doing better after seriously sprainin ankle.

COOKIES: Jim, K7YLM, thanked Al, KC7DDA and KC7DKH for the cookies for tonight's meeting.

NEW MEMBERS: A certificate was presented to Christilaw, KC7ICA , and were available for Jeremy J KC7JDM; Justin Jones, KC7IYF; Lora Jones, KC7JMN; Simmons, KC7JME; and Hugh Gardner, KC7IBW. A Membership Certificate was available for Bob Na N7AHR.

LOGGER CONTACTS: A Logger endorsement presented to Daniel, KC7BMK.

WINTER THEORY CLASS: Jerry, W7BUN, announce completion of the Winter Theory Class. This course is o only about 15 in the United States accredited by the N Task Force on Continuing Education. People finishin class get CEU's (continuing education units) which ar same as college credits. He presented Certificate Completion to Alan, N7EAY; Al, KC7DDA; Russ, KB7 Danny, KC7CUQ; and Alan, KB7SVU. Certificates were available for: Al, K5EAF; John, KB7SWY; Bill, KI7YK; Napier; Lorna, KB7YTJ; John, N7JFM; Mike, KB7 Randy, KC7AVA; and Chuck, KC7ETM.

HINTS & KINKS, TUNING & TRAFFIC: Marilyn, KJ contacted a YL in Kenya on 15 mtrs.

EMERGENCY TRAINING: Brian, KA7KUZ, passed aro sign-up sheet for the emergency training that he and Sh N7QHW, will hold at the RCT clubhouse on Saturday, Ap at 12:00 noon. They will cover getting the generator st getting the HF station up and running, handling emerg traffic, etc.

MT. ST. HELENS: Brian, KA7KUZ also passed arou sign-up sheet for the Mt. St. Helens commemorative eve May 17 and 18. We have been given permission to us call WA7ASH for that event. Help is needed with tra antenna raising, etc.

PROGRAM: Alan, N7EAY, introduced Russell, KB7UXK spoke to the group on the STS Space Shuttle and the Soviet Space Station. Russell gave us some history on s communication, starting with the launching of Sputn October of 1957 up until today when hams in space become almost routine. He explained the procedure connecting by packet and connecting by voice with sate the MIR Space Shuttle and the STS Space Shuttle.

ARRL INFORMATION: Jerry, W7BUN, announced the is unhappy with the FCC because they say their enforcement is dismal. The FCC is cutting back on stations and eventually all the monitoring is going to be remotely from Maryland, with no local monitorin enforcement.

Fred, W5YI, has filed a petition with the FCC, and th given it a rule making number) wanting to stop all practice and one-way bulletin transmissions below 30 Anyone wanting to file comments has a deadline of M

CK'EM STICK'EM BARK PARTY: Jim, K7YLM, announced e *Bark* party to be held at the clubhouse on March 30 at :00 AM. Coffee and donuts will be served. Come join us.

7DK AT THE BEACH: Bud, KC7AVT, announced we will old W7DK at the Beach again at Owen Beach at Pt. Defiance Saturday, April 8, from 10:00 AM to 4:00 PM. The Mike & ey Club will be there and also the North Kitsap ARC. We ll hold Antenna Wars 2, and there will be certificates and izes. Hot-dogs, pop and coffee will be served by the club d it will be potluck.

ELD DAY: Jim, K7YLM, invited everyone to come to our eld Day on June 24 and 25 to learn to put up antennas and t on the air. It doesn't matter what class of license you ave and you don't need experience. We teach!

ISSOURI PROJECT: Bill, N7TEQ, announced there is a issouri Net held weekly on Tuesdays at 8:00 PM on the Mike Key Repeater on 146.82. The latest is that NBC, CNN and couple of Japanese stations will be there. Lorna, KB7YTJ, ll pass around sign-up sheets. We will be having HF phone, CW, packet, satellite, ATV, VHF and UHF. There is mething for everyone. We still need lots of help with pport crews and public relations work. The event will be pt. 1 and 2. Jim, K7YLM, said he talked with Tom nders, W7QJI, and they will be setting up remote stations everyone will get a chance to operate. There also will be essay contest for school students.

e meeting was adjourned at 9:05 PM.

Respectfully submitted,
Judy Kirkreit, AJ7R, Secretary, RCT

adio Club Of Tacoma, Inc.
oard Meeting Minutes
pril 5, 1995

The Radio Club of Tacoma Board of Directors meeting as called to order at 7:30 PM by President Jim Kirkreit, 7YLM. There were eight board members and twelve guests esent. A quorum was present for conducting official siness.

REASURERS REPORT

ENERAL FUND CHECKING	556.56
EPEATER FUND CHECKING	1,570.82
ACKET FUND CHECKING	377.94
LEA MARKET CHECKING	992.00
ONEY MARKET SAVINGS	13,682.78
CHOLARSHIP WORKING FUND	100.00
CHOLARSHIP MEMORIAL FUND	2,571.64
ASH ON HAND	0.00
TAL ALL ACCOUNTS	$19,851.74

INUTES: The minutes of the March 1, 1995 Board Meeting ere available.

EMBERSHIP: Total membership for 1995 as of this date is 0 members.

ORRESPONDENCE: We received a certificate, which will framed and hung at the clubhouse, plus documentation om Amateur Radio News Service awarding *The Logger's ark*, edited by Ralph Fuller, KA7FIG, a rating of Excellent. e Amateur Radio News Service is a service for publications amateur radio groups and clubs which puts out a monthly blication and makes suggestions on how to put out a good wsletter. Once a year many amateur radio groups send em a copy of their monthly newsletter. They are rated on elling, grammar, editorials, humor, layout, etc. *The gger's Bark* scored 93 out of 100 points.

We also received a letter from Charles Jones, WA7ASH, ving us permission to use his call for our Mt. St. Helens mmemorative activities on May 18th. He also enclosed a py of his FCC License.

TREASURER'S REPORT: Jerry, W7BUN, passed out a report on general fund activities for 1995.

MT. ST. HELENS EVENT: Ralph, KA7FIG, stated that there is a fee of $75 for the use of the facilities at Mt. St. Helens. The board agreed to pay this fee. Ralph said there will be a lot of organizations commemorating the event on that day. We are only allowed two 20-ft. trailers and 2 or 3 support vehicles at the Castle Lake Lookout assigned to us, but there are many other locations where people may park on that day.

AROWS: Marilyn, KJ7BN, said that, as a representative of AROWS, she takes exception to its being called a social club. She feels they are definitely a service club. She thinks Ray, W7KFN, owes AROWS an apology, since the women do a great deal to support the Radio Club. Jim, K7YLM, apologized to Marilyn and the AROWS ladies for any offense they may have taken. Ray expressed his concern since the Radio Club is now a 501 (c) (3) organization.

He said, in reading the Articles of Incorporation and the Bylaws, AROWS is not a part of the radio club. It's an entirely different organization.

LIFE MEMBERSHIP CARDS: Shirley, N7QHW, asked if anything had been done about the Life Membership Cards discussed at a previous meeting. Jerry, W7BUN, said he had talked with the printer and would bring the proposed card to a future meeting.

W7DK AT THE BEACH: Brian, KA7KUZ, said we are ready for the event Saturday, April 8. The event will be from 10:00 AM until 4:00 PM. We will load supplies at the clubhouse at 8:00 AM. The generator is ready and Don, AB7DS offered his super sling shot for antennas.

LETTER OF RESIGNATION: Mac, W7MSR, submitted a letter to the Board, resigning his position as chairman of the technical committee. He requests Ralph, KA7FIG, publish this letter in the next issue of the *Logger's Bark*. In addition, he returned all club assets in his possession, except for the club's 220 repeater. He offered to purchase the repeater from the club for the amount of $500, due to the club's apparent lack of interest in 220 meters. Brian, KA7KUZ, made a motion that the Radio Club of Tacoma give the 220 repeater to Mac and that, upon his death, the 220 frequency pair be returned to the Radio Club of Tacoma. Motion seconded by Jerry, W7BUN. MOTION PASSED.

FLEA MARKET: Alan, KB7SVU, announced he has petitioned labels from the ARRL to send flyers to all hams and clubs in Washington and Oregon. Jerry, W7BUN, expressed concern that we do not have a written contract with Charles Wright Academy. Alan said he needs a copy of RCT's current insurance policy for Charles Wright.

EMBLEMS & PATCHES: Russ, KC7EKI, stated that at the RCT table at the Mike & Key Swapmeet, there were numerous requests for emblems and patches of the Radio Club of Tacoma. Ralph, KA7FIG, said he is acquainted with a gentlemen in the business of making pins, patches and decals and would be happy to bring samples and prices to the next meeting.

ASSISTANT TREASURER: Shirley, N7QHW, has agreed to assist Jerry, W7BUN, with his treasurer's duties while he is gone on trips this summer. Jerry wants to add Shirley's name to the signature list for the general fund checking with those already existing; i.e., Alan, N7EAY, Ray, W7KFN, and Jerry, W7BUN and needs permission of the board to do so. Mac, W7MSR, moved the board act positively on the treasurer's request. Seconded by Jerry, W7BUN. MOTION PASSED.

CLUBHOUSE ALARM SYSTEM: A problem has developed with the club alarm system. Alan, N7EAY, will take care of getting this repaired.

See Jerry, W7BUN, for the RM number and who you write to at the FCC.

FCC decided the vanity calls that are coming out should only cost $3.00 per year ($30 for 10-yr. license). The ARRL has again petitioned the FCC to only allow a person to request a call in their own call area. Jerry has ordered 25 of the 610V forms which should be out about the 1st of May. Their arrival will be announced on the repeater and they will be brought to the club meetings.

The 610R form will be out about Sept. 1st. If you renew your license after Sept. 1st, the FCC will start sending you notices for renewal, in fact they'll start sending notices about June.

FLEA MARKET: Alan, KB7SVU, announced he has a public relations person who will be arranging coverage of the flea market on cable TV, several newspapers, and local radio and TV. We have endorsement from the ARRL and will be receiving labels to send out flyers to hams and clubs in Washington and Oregon. We will also have an ARRL table selling ARRL publications and he needs people to man this table.

RACES/ARES: Shirley, N7QHW, announced upcoming events: the Daffodil Parade, April 22; March of Dimes, April 29; Sound to Narrow Race, June 10. Contact Shirley if you're able to help. The big Soundquake '95 exercise occuring on April 26/27 will need lots of volunteers. On the days of the exercise if you are part of the exercise you are directed to stay home until contacted either on radio or by telephone to report to your assigned station. 146.64 will be the 2-mtr. repeater frequency that will be used for Pierce County communications for this exercise. 145.37 will be used for the four counties that are a region. They will attempt to make this as real as possible but people are warned not to panic. All messages should be proceeded by the words "this is an exercise test message".

LICKEM STICKEM BARK PARTY: Jim, K7YLM, announced the Bark Party will be held at the RCT clubhouse at 10:00 AM on Friday, April 28. Come join us. Coffee and donuts are served afterwards.

FIELD DAY: Alan, N7EAY, said to remember that Field Day is not too far away. It will again be held at Harold LeMay's property (old Marymount). If you can lend a hand, call Alan, N7EAY. Everyone is invited, no matter what class of license you have

PACKET MEETING: The next packet meeting will be Thursday, April 20, at the RCT clubhouse at 7:00 PM. Jim, K7YLM, is bringing in a guest speaker who will talk on what's new in packet and new changes to our system.

REPEATERS: Mike, WB7DFQ, the new Repeater Chairman, said 147.28 has been experiencing some intermod and it's being investigated. When the autopatch code is changed on May 1, we will also change and update the controller firmware so the repeater will have some new capabilities. It will have a talking clock if you want to ask what time it is. It also will list upcoming club activities. On 147.38 the ongoing problem continues. This is a very professional installation and probably represents the latest state of the art but there are 20 transmitters on that site. When two paging transmitters were installed the real problems began. We are investigating new sites to locate 147.38. It's a long process to move a repeater, involving testing of sites, coordination with the WWARA, etc. Anyone having ideas on sites should call Mike, WB7DFQ. We are considering future planning including a possible 440 repeater, having the capability to link some repeaters together, locating 147.38 someplace else where it can work, etc.. In the next *Logger's Bark*, there will be a questionnaire sent out to the membership, asking which repeaters you operate on, what kind of gear you have, do dualbanders, single band radios, etc., and wha interested in seeing in the club repeaters. We r from the membership. Please return questionnaires committee is being put together. Anyone willing to come work on it, is welcome.

AROWS: Tressie, KC7BAL, announced the ladies g meeting on Wednesday, April 19, at the RCT clubhous 7:30 PM. She thanked all who brought dishes for the po at the W7DK at the Beach Antenna Session and thanke who helped make the day a success. This meeting will plans for Field Day in June and the Flea Market in August

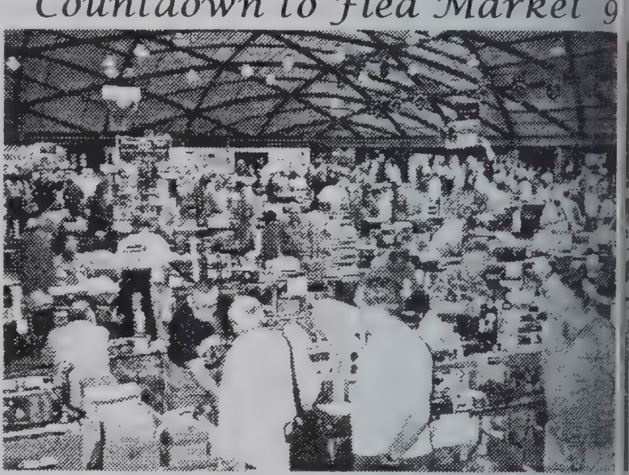
USS MISSOURI: Bill, N7TEQ, passed around a signup for the USS Missouri event September 1 and 2 for 48 ho It may actually be extended to Sept. 10. There will meeting with all the clubs involved at the RCT clubhous Saturday, April 29, at 2:00 PM to dicuss plans for this eve

ADJOURNMENT: The meeting was adjourned at 9:10 by Jim, K7YLM.

Respectfully submi

Judy Kirkreit, AJ7R, Secretary, R

Countdown to Flea Market '9



3 months to go

Fleamarket Update

de Alan KB7

First I now have a public rela person. She has informed me tha Fleamarket will be advertised in all papers, numerous TV and stations and on cable for two w before the event. Some of the th that we are going to have this year A table set up with a power supply and antennas so pe can try out a radio before they buy it, Brian KA7KUZ will an HF station on the air, Mike WB7DFQ will have a pa station going, I have also talked to Don KB7GKB a having a VCR and TV setup to show club activities meetings.

I have contacted the ARRL and have received ba letter stating that we are an ARRL approved Fleama They are sending me mailing labels so that we can send to HAMs in Washington and Oregon. I will need help fo and labeling flyers so will let everyone know the date. ARRL will be sending a book to be used in the AR drawing. I will need help running a table selling ARRL b please let me know if you can help. I will need lots of hel year especially on Friday, remember that this is Fleamarket and depends on each person helping out working together for the betterment of the RADIO CLU TACOMA. I have been informed that members of the Mi KEY CLUB have volunteered to help us.

TED'S PHOTOGRAPHY

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Packet Thoughts...

de Mark, KC7FAA

I am relatively new to packet having been involved with it only a short time; since January. I have a lot to learn and need your help in making our packet program second to none.

Where do we want to go with our packet program? Do we want to keep an active BBS, emphasize packet for emergency services, offer monthly programs, or do all of these things and more? What do we need to do to introduce more people to packet? Does our BBS need to have more features or be more user friendly?

These are just some of the issues I believe should be addressed if we are going to have an effective program. Please let me know your thoughts on these issues or on any other packet issue that may be of interest.

Now, an item that is dear to my heart: the W7DK Packet BBS. Over the last few months I have been working to make the BBS more functional for club members. This has not been a simple task and has required a lot of help from George Abbott, WA7BHH, as well as some support from a number of hams around the country.

Now, where does this lead.... Here is what I want! We need a new computer for the BBS. The club's BBS computer died last year and since that time George has been gracious enough to let us use his personal machine so that the bulletin board would keep running. But, it is time that we return George's computer. What I propose is that we get a 486 computer system (I won't go into the specifications here). The question is How Do We Get A Computer? The club's budget doesn't really allow for this expenditure. So, moving on to other ways it has been suggested that we solicit donations from local businesses (equipment or funds) and/or ask members to donate towards the cause. What do you think? You may contact me at 874-2714 or send me e-mail at either of the 2 addresses:

Internet: mweitzen@halcyon.com
Packet: KC7FAA@W7DK.#WWA.WA.USA.NOAM -73-

The Packet New User

de Pete, SYSOP, KA3RFE.MD.USA

This series is for those of you who are just starting out in the Wonderful World of Packet. There are some things you should know that your TNC manual may not have mentioned. Some terms which get people confused:

1) Home BBS: A "home BBS" does not refer to the mailbox program which your TNC may have in its guts. It refers to a full-service BBS which handles personal mail, bulletins, and file transfers. Your "home BBS" would be a full-service BBS which you might check into often to read bulletins and to pick up any personal mail which might be held for you. If you have arranged for a full-service BBS to forward your personal mail to your mailbox, your home BBS still remains that full-service BBS. This term is important as several BBS programs will ask you to enter a "home BBS" the first time you connect to it.

2) Node: You can figure a "node" to be something of a packet switchboard which has the ability to operate on several frequencies. A node differs from a digipeater in the sense that it handles all of the packet housekeeping chores within its program. Most nodes have more than one operating frequency and they can shuttle packets back and forth via any number of intermediate nodes. The benefit of using a node over a digipeater is that the node will find the quickest way to make the connection whereas a digipeater will only try to connect you to the station you tell it to connect to, regard
of whether the digipeater can hear it or not. You cannot
mail to a node. It is not a mailbox or a BBS.

3) Network BBS: A network BBS is a full-service BBS w
is operating under a special node-compatible soft
program. Network BBSs will show up in node broadcasts
can be connected to over the node network by enterir
connect request to the network BBS alias. Generall
network BBS will have an alias in which "BBS" is part o
alias. For example: ANNBBS is the alias for KA3RFE BB
Annapolis, Maryland. BWIBBS is the alias for WB3V BB
Severn, Maryland near Baltimore/Washington Internat
Airport (BWI). TAXBBS is the network BBS alias for WB0
BBS in Virginia. BBSFFV is the alias for WB3FFV BBS.
network BBS alias is ONLY FOR CONNECTING. You sh
not use the network BBS alias as an entry for "home
when you are asked to enter your home BBS. Use the cal
of the BBS and not its alias as your home BBS when ask
enter it. The same goes for sending mail to a network BB
you enter a message to KA3RFE @ ANNBBS, the mes
may never get there since ANNBBS is only an alias for u
connecting to it over the node network. If you enter a mes
to KA3RFE @ KA3RFE, the message will be forwa
without much hassle. Other sections of this series will
with more topics relating to packet radio. Meantime, if yo
unsure of how to proceed in your packet adventures, ask
SYSOP. -73-

W7DK at the Beach

de "Slinky", KB7

Thanks to everyone who attended our club's first out
event on Saturday, April 8th, at Owen Beach at beautifu
Defiance. We had over 100 people attending. (See pic
on the next page of the *Bark*.) A special thanks to the Mi
Key club for the use of their tents. The weather was fin
an operating station in a tent was **great**! Thanks too to
Kitsap ARC for their help and assistance.

The hot-dogs, pop and potluck were the best. A sp
thanks to the AROWS food prep ladies: Judy, AJ7R; Tre
KC7BAL; JM, KC7DKH; and Jan, KB7UXO.

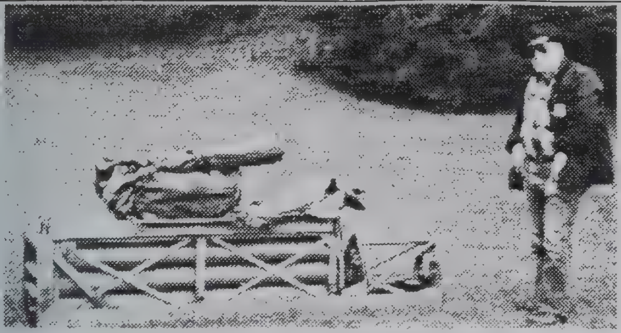
Antenna Wars was a great success. Our new tower
a 20 meter beam got out very well. The J-pole built by
W7NBD, and Worth, W7WG, just couldn't work, but it
The antennas highest point off of the ground was less th
feet. Steven, AB7HI, and his son Brian, KC7FAE, h
beautiful QRP station. They made a lot of nice contacts
some pretty good distance too.

It just happened to be the 50th anniversary of
SLINKY! To commemorate the event, Link, N7CEO (Li
Dan, N7QWH (Winky); and Bob (Stinky), KB7NBQ, mac
antenna which had a slinky wrapped around a fiberglass
Very unique! David Smith, KB7PSN, and Bob Ston
AA7ZC, from Mike & Key ARC made a super VHF ant
approximately 100 feet long. Wow, what a signal they
from that one! One of the most unusual was an ant
made by Val, N7VGO; an inverted, inverted Vee - low a
feedpoint, open at the top. Not a bad performer e
Congratulations to Daniel, KC7BMK, for winning the
band antenna. Congrats also to Daniel Glanz for winnin
motocross bike.

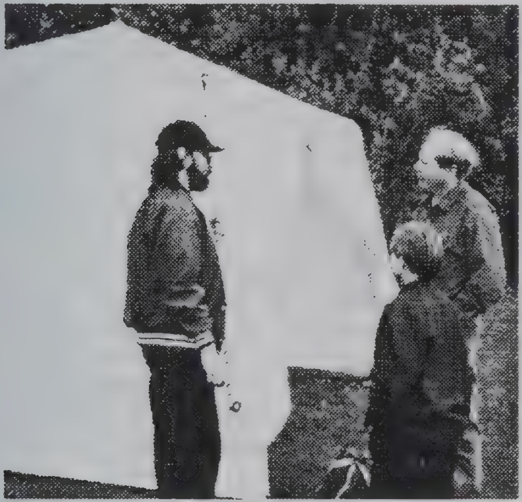
Tom Sanders, W6QJI, from North Kitsap ARC sai
event was one of the best he had ever attended. Family
learning about antennas and tuning, good food and fri
conversations are what ham radio is all about.

Thanks, RCT - see you all soon at W7DK at the Lake

Quality: The race for quality has no finish lin



Come'on guys. This won't get up by itself



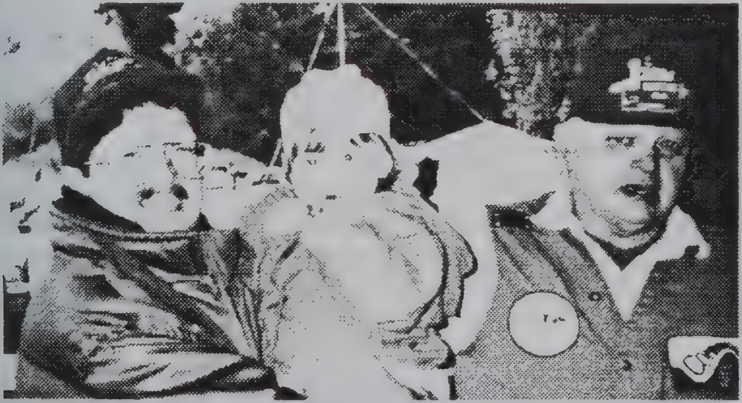
The new Icom accessory tent

This way is up?

Operate!

Operate!!

Operate!!!



Start those HAMs young!

& socialize!

Report to the RCT Board and Membership, April 1995
From: John McAllister, W7MSR
Technical Committee Chairman
Subject: Five years of service to Radio Club of Tacoma

[Editor's Note, Article is edited for publication]

Fellow Hams, in fall 1989, responding to a suggestion from Newt, WN7L, I sought a position on the Repeater Committee and Board of Directors of RCT. I was subsequently elected to the Board and appointed to the newly designated "Technical Committee" by President Jeff, K7JF. The two active members of the Repeater Committee Willie, KA7NXK, and Eric, WB7OYL, joined Ken, WA2JQW, and myself in constituting the new committee. I was elected Chairperson by my peers.

We then embarked on the venture of providing new systems of communications and rehabilitation of the existing facilities of RCT. Our first move was that of bringing current installations up to their specified standards. Much needed to be done. Neither of our 2 meter repeaters were performing properly. Only one of our engine generators was operational(barely). The HF station could not be operated as expected. Soon all of these situations were remedied.

With the baselining of existing equipment nearly completed, we started to improve, modify and expand our facilities. The board sought decreased site rental expenditures, so we moved the 224.52 repeater from its Indian Hill site to the club clubhouse. We planned to then move the 147.38 machine from Sparpole Hill to the Indian Hill site. This, however, was discouraged by WWARA and the site manager at Indian Hill so we vacated the Indian Hill site and kept .38 at Sparpole. In light of ensuing developments at Sparpole, we should have stuck with our original plans.

In response to the RCT Board's requests for budgetary estimates the committee struck an agreement with the Board, that the General Fund would finance only future operating expenses and the Tech Committee would raise and administer funds for repairs and improvements. The Board did however decide to fund a controller for the promised 147.28 repeater replacement. From that day forward all funding of repeater and packet systems has been provided by the committee. The fund currently has in the neighborhood of $1500 for future needs.

The ensuing years saw many accomplishments. The current "talking" version of the 147.28 machine was completed. This system was designed for reliability, ease of maintenance expanded operational capabilities, and interchangability of parts with 147.38. complete documentation was also produced for this as well as the 147.38 system. We then attacked the Sparpole installation. The repeater was rebuilt to acceptable wiring and construction standards. Protective doors were installed, to deter the parts pilferage we had suffered. A new heavy duty power supply was installed to enhance reliability. A new run of hardline and a cardioid antenna system was installed. A number of other improvements to this system were in the mill, but then disaster struck. U.S. West Paging installed a new transmitter at the site operating on 152.84 MHz. A Kelly communications paging system had been on site for some time. Its operating frequency is 152.24 MHz. Note the 600 KHz difference. The algebraic summation of these two frequencies along with our own 147.38 MHz radiations produce intermodulation products on our repeater input 147.98 MHz. Much testing and filtering was conducted in the attempt to eliminate or reduce the interference. However it proved futile. A repeater with a 600 KHz split cannot operate in this environment. We suggested to the Board that the 224.52 MHz machine would likely not suffer any problems at Sparpole, but siting it there was
deemed too expensive by the Board in view of the light ac
on the 220 band. The possibility of a 440 MHz syste
currently under consideration, while the search continues
suitable new home for .38.

Meanwhile, suggestions had been received from
W7GCI, and Jeff, K7JF, that the club could provide a val
service to the packet forwarding community by installi
packet node and Bulletin Board System. This project
accepted and accomplished, but consumed much
money and effort. Far too many hours of comn
members time were expended in dealing with the egos
arguers of the packet networking world. Maintaining the
politically neutral position was difficult.

Progress was made, however, and the systems
grown and flourished. Hardware has been acquired for
new projects. There just seem to be more projects at
than there are people and time to complete them. There
been many people that have participated and they de
much credit. Included are: George Abbott, WA7BHH;
Bourlet, WB7OYL; Willie Bourlet, KA7NXK; Alex Braid
W7AZR; Chuck Caley, WB7WOU; Mike Crawford, WB7
Bob Churchward, W7RXS; Jim Churchward; Peter
WA7FUS; Herman Entz, K7PAG; Ron Erickson, KB7RTT
Freedman, K7JF; Clay Freinwald, K7CR; Newt Gr
WN7L; Carl Glimpse, N7UDP; Don Grant, WA7PIN
Merle Handy, W7QLG; Randy Hansen, N7HNX;
Heritage, NK7E; Ed Hohenthaner, W8LGD; Alan Hu
KB7SVU; Jim Humphrey, N7MEB; John Kelley, W7KKN
Roy Kilgore, N7BXI; Jim Kirkreit, K7YLM; Andrew Kirk
W7GCI; Les Kometz, KL7DTR; Rob Lee, K7TGU;
Manson, N7ANF; John Marcinko, W7FHZ; Bob Mi
N7BUW; Ken Moak, WA2JQW; Cal Morgan, W7SFT
Morgan, N7CAK; Tom Murphy, N7QHX; Kathleen
N0EYK; Roger Nace, K7AYC; Ray Pedersen, W7KFN;
Rosevear, KB7LIG; Dick Ryan, W7RGD; Jerry Seli
W7BUN; Ken Shepard, W7POQ; Don Snyder, W7ZMG
Bob Stewart, WB7QCS; Stan Warburton, N7KMF;
Wheeler, KG7V; and Joe Winter, WZ7M. These folks
contributed their time, talents, labor and money as me
of, or in support of, the Tech Committee. They have su
technical support, hardware, advice, testing, monit
climbing, research, programming, construction etc. Th
get my heartfelt thanks and, I hope the appreciation
membership as well.

Shortly after assuming his new duties in early 199
current President held a private discussion with me, w
he harshly criticized my aptitude, attitude, abilities, an
and suggested that the Technical Committee no
existed in fact, and that the responsibilities for same
more than I could handle. My response to this, b
considerable dismay and irritation, was to offer to the B
plan to divide responsibilities and reorganize the
Committee. This plan was implemented, and I re
responsibility for the repeater system only. My
continued, but cooperation had been replaced by crit
and my relationship with the President continu
deteriorate. Statements made at the March Board m
and published in the March *Loggers' Bark* demonstra
complete lack of regard for the efforts that have precede
He has dealt with the Technical/Repeater Committee j
he did with the Long Range Planning and the
Committee, with total lack of respect.

No longer do I feel empowered, mandated, and le
all motivated to continue the efforts I have exerted in th
Therefore I suggest the President find a replacement wh
perform more to his satisfaction, and maybe that of R
well.

73 de W7MSR, now

Amateur Radio Exams in the Puget Sound Area as of April 25, 1995

t Tuesday - 7 PM - Puyallup South Hill Library, 15420 Meridian East, Puyallup - Contact Mike Horbul, KI7YB, 845-2545, Puyallup

t Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, Kirkland - Contact Brian Wood, KF7QF, 481-2361, Bothell

t Saturday - 10 AM - North Seattle Comm. College, Rm 3343, 9600 College Way N. - Contact Mike Mitchell, W7WHT, 282-1438, Seattle

t Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, Kent - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

d Tuesday - 6:30 PM - Everett - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

d Tuesday - 6:30 PM - Burley - Burley Bible Church - Contact David Brooks, N7HTK, 876-1399 (between 9 AM and 3 PM), Belfair

d & 4th Thursdays - 7:00 PM - Ft. Lewis Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

d Saturday - 10 AM - Tukwila - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

d Tuesday - 7 PM - Auburn - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

d Saturday - 9:00 AM - Ferndale - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3d Saturday - 1 PM - Renton - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3d Saturday - Sultan - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3d Saturday - every 4th month - 9:30 AM - Montesano High School - Pearsall Center, 2109 Sumner Ave - next session - May 20 - Contact Nick Bender, NX7W, 249-4671, Montesano

h Tuesday - Stanwood - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

h Wednesday - 6:30 PM - Everett - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

h Saturday - 10 AM - Marysville - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

h Saturday - 9:30 AM - Bremerton - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

miannually - Saturday - 9:30 AM - Olympia - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

ay 8th - Monday - 6 pm - Radio Club of Tacoma Clubhouse, 1249 S. Washington St, Tacoma - also...

ne 17 - Saturday - 10 am - Radio Club of Tacoma Clubhouse, 1249 S. Washington St, Tacoma - Contact Jerry Seligman, W7BUN, 845-7652, Puyallup

ease send updates to: Jerry Seligman, W7BUN, 306 80th Ave East, Puyallup, WA 98373 - Phone: 5-7652

d Thursday - 7 pm - Packet meeting at the clubhouse.

Logger's Certificate Annual Report

As of April 8, 1995 **de Barbara, W7UYL**

On April 12, 1995, the Logger's Certificate was 38 years old. The first certificate was issued on April 12, 1957 to Dick Dundon, W7LIA. Dick drove over from Seattle to deliver his list of ten contacts and be sure he would get Certificate No. 1. Since then I have written 642 certificates, the latest to Mark Creley, KC7IBZ. Isn't it a great way for club members to become acquainted?

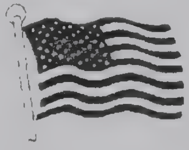
We have also issued 9 DX certificates. The recipients include stations in all of the United States call districts plus England, Japan, West Germany, Norway, Denmark, Russia, Canada and Puerto Rico. I have received inquiries from publishers of several award directories, so awareness of our Logger's Certificate continues to grow.

Following is a list of stations who have worked 100 or more members of the Radio Club of Tacoma:

Richard Ryan	W7RGD	860
Eva Anderson	WB7QNS	830
Jerry Hathaway	K7ETU	740
Jerry Seligman	W7BUN	600
Marion O'Neal	WV7Z	420
Roy Devish (Silent Key)	W7AZI	400
Bob Crelling	N7QOZ	400
Doc Spike (Silent Key)	W7OS	360
Robert Nagley	N7AHR	320
Richard Carlson	WB7RAX	320
Wilfred Steklenburg	N7AZN	300
Donald Rojewski	WB7VHA	280
Silent Key	WA7ZSR	250
Richard Hazelmyer	WB7CRR	210
Edward Coles	K7CZM	210
Tressie Hughes	KC7BAL	210
William Stalder	N7BAA	200
Joe Jenks	KA7DCX	200
Philip Dunn	KD7ME	200
Russell Foster	KB7UXK	200
Silent Key	WB7AKB	190
Jack Moore	WA7ENB	190
Donald Perry	K7QLC	190
Don Murphy	N7AEJ	180
Joseph Winter	WZ7M	180
Lawrence Stoll	W7IIU	170
Harold Dawson	WB7OTY	170
Johnny McCaw	N7AGC	160
Jack Howarth (Silent Key)	WB7AJR	160
Patricia Morgan	N7CAK	150
Irma Duncan (Silent Key)	W7OVW	150
Robert Stewart	WB7QCS	150
Carol Olver Evans	AE7X	150
Marvin Wheeler	KG7V	140
Joy Mc Caw	N7AZQ	130
Leonard Wampole (Silent Key)	WB7CFH	130
Albert Tanner (prev. WB7OMN)	KD7JM	130
Howard Frey	W5PBL	130
Al Carter	K5EAF	130
Otho Smith (Silent Key)	K7ATD	120
Ken Anderson	WB7QNT	120
Al Wittich (prev. KA7SBJ)	KF7RV	120
Donald Hutt	WB7BLQ	110
Denty Moore (Silent Key)	WB7PKM	110
David Reed	WA7QGI	110
Mike Thompson	WB7QNP	110
Mike Hazelmyer	KB7VNT	110
Roger Nace	K7AYC	100
Angela Korn	KC7EQ	100
Marilyn Olson (prev. KB7PKH)	KJ7BN	100
Grace Teitzel	AD7S	100

May 1995

W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDA
	1 # DICK -KG7WF	2 147.28 NET 7:30 PM # JOHN-KB7TGE # CRAIG-KB7OLZ # KAREN-KC7BAT	3 Board Meeting Club House 7:30 pm. # PEGGY-KC7GZT	4	5 #'BILL'- NJ7G # STEVE-KB7YCJ # JAMES-KB7UXW	6 PINOC PotLuck Clubho 7pm # WANE-KB7QM
7 #'LOU'- KB7WDB	8 #'DAVE'-KG7OP	9 147.28 NET 7:30 PM # ROGER KB7AZQ	10 W7DK MEETING Library 112 St. E.& WALLER RD. 7:30pm # RUDY -N7CJM #'JIM'- KB7UTQ # TWYLA-KB0OBB # MARK-KC7FAA	11 #'BOB'- W7SFO	12 #'JIM'- KB7VOM	13 ARROWS MEETING -CLUBHO SE 11am
14 Mother's Day Breakfast-Clubhouse #'NICK'-N7BCV # JIM - KA7YFK	15 #HAROLD-KA7RNL #'ED'- KC7ADL	16 147.28 NET 7:30 PM MVWS VE TESTS	17 # PAT - WA7UNF # STEVE-KB7LOB #GEORGE KB7UFS # TOM - K4ROQ #DENNIS KB7WFV # IAN - KC7EXF	18 # JOHN - N7GBR	19 #'ROB' K7TGU	20 LOGGE BARK ADLINE Arme Forces Day
21 # NORM KA7PCN # WADE-WA7OHG	22 LADY'S PINOCHLE-CLUBHOUSE NOON # FRED-N7UET	23 147.28 NET 7:30 PM	24 W7DK MEETING Library 112 St. E.& WALLER RD 7:30pm # KERRY-WB7AKE	25 #'KATHY'-N0EYK # 'BOB'- N7TES	26 # 'STAN'-N7KMF # JOHN-KC7FBE	27 # 'DICK'-W7RGI # SCOTT-KA7O # 'BOB' W7RGO # RANDI-KC7BA # GARRY-KB7ZI
28	29 # STEVE-WB7WUX # 'NICK'-N7WGQ  Memorial Day (Observed)	30 147.28 NET 7:30 PM # JAMES -N7RRK	31 ARES MEETING Clubhouse 7:30 # MARY -W7SKR # 'PAT'-N7WGR # LYSLE-KB7RBV #'RICK'- N7YFE # TEDD W7YAM			

# Happy Birthday!

Repeater Questionare

In order to better help the repeater committee understand your repeater operating habits, capabilities, and opinions would you please take a few moments of your time to fill out and return this questionnaire. Even if you don't use repeaters and never plan to do so, we still value your input so please fill out those portions of the questionnaire which ask for your opinion.

1. Do you operate using repeaters? Yes ___ No ___

2. How often do you operate using repeaters? (select the one which best fits your habits)
   Once per month or less ___ More than once per month ___
   More than once per week ___ Nearly every day ___

3. On which band do you most often operate repeaters?
   (enter 0 thru 3, 0 = never use, 1 = seldom use, 2 = occasionally use, 3 = use most often)
   6 Meters ___ 2 Meters ___ 220Mhz ___ 440Mhz ___ Above 440Mhz ___

4. What kind of VHF/UHF equipment do you have? (select all that apply)

Frequency	Base/Mobile(FM)	Handheld(FM)	All Mode
6 Meter	___	___	___
2 Meter	___	___	___
220Mhz	___	___	___
440Mhz	___	___	___
Above 440Mhz	___	___	___

5. Which repeaters do you most often use?
   RTC ___ KE7LE ___ KB7CNN ___ Other (specify) ____________
   Why? Coverage ___ Features ___ Other (specify) ____________

6. Should the RCT solve the problems with 147.98/147.38 and continue to operate 2 repeaters on 2 Meters?
   Yes ___ No ___

   If yes: should we continue with one wide area and one local coverage repeater ___
   or should we operate both as local (Tacoma) coverage repeaters ___

7. Should the RCT continue to operate a 220Mhz repeater? Yes ___ No ___

8. Should the RCT establish a 440Mhz repeater? (initial cost $1500 to $2000)
   Yes ___ No ___

9. Should the RCT get out of the repeater business altogether?
   Yes ___ No ___

Any other comments?

(optional) Name ______________________ Call __________________

Remember we need this information to guide us in planning for the future of the Radio Club of Tacoma so please respond before the first club meeting in June.

Mail to: Radio Club of Tacoma W7DK/Repeater
P.O. Box 11188
Tacoma, WA 98411

Or hand this questionnaire to Judy Kirkreit, AJ7R, Secretary, at a club meeting.
73, Mike, WB7DFQ Repeater Chairman

Coming Events

May 3 - Board of Directors meeting - 7:30 PM - at the RCT Clubhouse - all members are invited

May 6 - Pinochle/Potluck 7 pm - Clubhouse

May 6 - Flea Market & Hamfest - Stanwood, WA

May 8 - All Class License Exam - Clubhouse - 6 PM

May 10 - Club Meeting - 7:30 PM - Library Center - 112th E & Waller Rd. - Program: KB8MAU MARS

May 13 - AROWS - 11AM - Clubhouse - Bring a Sack Lunch

May 14 - Mother's Day Breakfast - RCT Clubhouse - 8-11am

May 18 - Mt. St. Helens Adventure

May 20-21 - Yakima Hamfest

May 22 - Ladies Pinochle - 12pm - Clubhouse

May 24 - Club Meeting - 7:30 PM - Library Center - 112th E & Waller Rd. - Program: Pictures Films of WA7ASH at the Monument.

May 25 - Extra Class Workshop starts - 6:30 PM -at the Clubhouse - Register with Jerry Seligman, W7BUN 845-7652

May 29 - Ladies Pinochle - 12pm - Clubhouse

Jun 2-4 - ARRL NW Division Convention - Seaside Oregon

Jun 17 - License Exams - all classes - 10 AM - RCT Clubhouse

Jun 18 - Father's Day

Jun 24-25 - Field Day - Marymount

Jul 21-23 - Northwest DX Convention - Renton

Aug 12 - RCT Flea Market '95 - Charles Wright Academy

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

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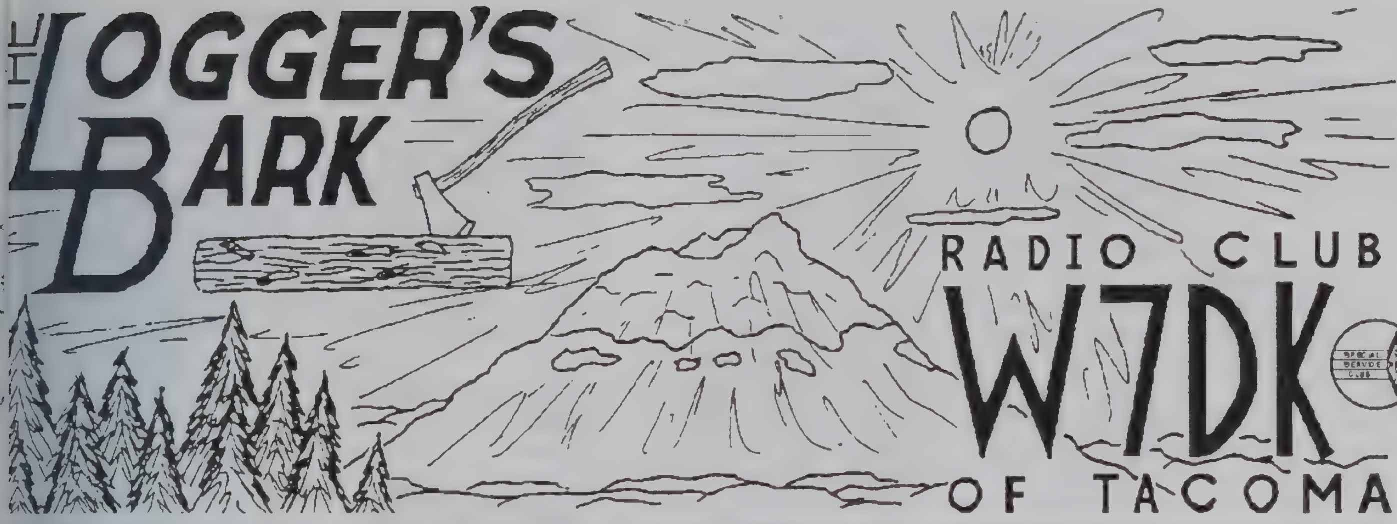


OL. XXXII NR.6 W7DK JUNE 1995

From The President

de Jim K7YLM

The Mt. St. Helens Dx-pedition

When I obtained my first license many years ago, I knew I would have many exciting and rewarding times. I was right. It has been a great trip. However, the special event station at Mt. St. Helens was the best and most spectacular I have ever attended. To start with, when Ralph, KA7FIG, and I talked with Bud Jones, WA7ASH, about the use of his call for a special event station, he was really thrilled and gave us his approval.

After many trips to the Mt. St. Helens National Monument, Ralph s able to obtain permission to operate at a beautiful site at Castle ke Overlook. The area was about 600 feet long and 400 feet wide. hen the weather was clear we could look right into the volcano.

About 35 hearty W7DK members assembled two towers, a nch of super two meter beams and a variety of dipoles. Every nsmitting system was assembled in a very short period of time. st of all, they all worked exceptionally well. These stations were a ute to those who assembled and operated the WA7ASH Special ent.

I had an occasion to leave for awhile. Upon my return, as I unded a curve in the road, it almost took my breath away to see our autiful antennas, with American flags flying from the highest points.

It was the 15th anniversary of not only the volcanic eruption but e loss of life of over 50 people, including some members of our m community. It was my hope to honor those who died and allow y fellow hams of the Northwest to be a part of a special event ation. My hopes were more than realized. A great number of our ub members and many amateurs from Portland and throughout e entire Puget Sound Basin made contact on 2 meters. On HF ople as far as 9000 miles away were a part of our activity.

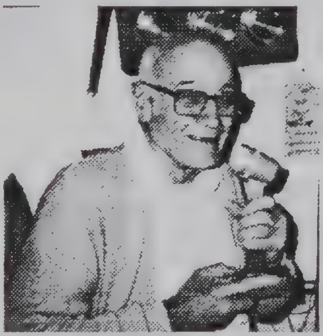
There were many successes. We proved that we, as a strong operative unit, could construct antennas, towers and stations in an ea over 100 miles away from our city. We proved we could work gether to accomplish our goal. We also proved that we could bring e ham community into the fun and excitement of a very special ent.

A special thanks goes to ICOM America for their attendance and pport. It was really special that Pat Wormley, N7KQY, and her sband Bob came down to the site and took part in the program.

In addition, our thanks goes to Mary Lou Brown, the Northwest RRL Director, for her participation and assistance. Mary, your tendance and guidance helped in making this event a resounding ccess.

I am very proud of those who donated their time, energy and uipment to make this event a success. I am also proud of all of u who contacted WA7ASH. This part of history is yours - it will ng be remembered.

Thanks and 73



Charles "Bud" Jones

WA7ASH
Official Voice of Mt St. Helens Monument

May 18th 1980 will be remembered, and hopefully celebrated, as an anniversary in perpetuity by the Radio Club of Tacoma. The find in the Callbook by David, WB7AUJ, of the callsign WA7ASH belonging to one Charles "Bud" Jones of Independence, Oregon led to a series of events which has blossomed into a very special saga.

First there had been a flurry of little radio antenna get togethers spurred on by our President. The membership took the bit in their teeth and began to run. What started out as a desire to pump some life into HF from the ground up spread into every portion of the amateur spectrum. The Old Club was getting busy and it was in this perceived environment that the desire to celebrate the fifteenth anniversary of the Mt. St. Helen's eruption should have a WA7ASH DX-pedition in the Monument.

A phone call to Coldwater Ridge Visitor Center and a discussion with Director Jim Quiring laid out the road map which led to a use permit in the Monument.

Many more phone calls and several trips to the site of Castle Lake Overlook plus a very productive trip to the Monument Administration Center in Amboy directed us to Betty Sneddon, Monument Use Director, who carried the paper work to fruition.

Another phone call to the holder of the perfect callsign WA-7-ASH startled Bud Jones into the opportunity which he never would have invisioned in his life time as a HAM. Jim, K7YLM, called Bud the next day to confirm that this idea of his callsign was on the level and if he joined us he could walk on water. Bud sent Jim a copy of his license and a letter granting the use under the conditions upon which they agreed.

The next Saturday two members of the Club knocked on the door of Bud and his lovely wife Dorothy requesting a photo session. In between a lot of conversation we learned that the Bud Jones already had a connection with W7DK as his nephew Jake Jones, KC7GQC, and the Jones clan, wife Lora, KC7JMN, sons Justin, KC7ICA, and Jeremy, KC7JDM had recently joined the Club.

This edition of the *Logger's Bark* is dedicated to the rest of the story by photos and the words of the players.

RADIO CLUB of TACOMA
1995

PRESIDENT	JIM KIRKREIT	K7YLM	927-7825
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
SECRETARY	JUDY KIRKREIT	AJ7R	927-7825
TREASURER	JERRY SELIGMAN	W7BUN	845-7652
BOARD (4)	SHIRLEY MURPHY	N7QHW	265-3661
	JOHN McALLISTER	W7MSR	952-7388
	ALAN ALLEN	N7EAY	475-7413
	BRIAN SPINDOR	KA7KUZ	756-5030
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	SUE BALDWIN	KC7AVS	927-2351
COMPOSITOR	"NICK" OLSON	N7BCV	536-8940
PUBLISHER	W7DK PRESS	N7QHW	265-3661

****

CLUB MEETINGS: 7:30 pm

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206 / 759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Mail all articles to Ralph Fuller, KA7FIG, 8208 Southway SW, Tacoma WA 98498. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO *THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/ Radio Club of Tacoma

147.88 / .28 MHz	144.97 - Packet
147.98 / .38 MHz (pl 103.5)	441.00 - Packet

New Members:

Marc A. Malloque, KC7KAU RCT #1
9112 25th Ave S
Tacoma, WA 98409 581-560

Ingrid Fields, KC6YCW RCT #1
869 S 40th St
Tacoma, WA 98405 475-231

Danny Burgess, KC7KAN RCT #1
Shelley Burgess, KC7KAO RCT #1
3723 N Baltimore
Tacoma, WA 98407 759-425

Owen O'Neill, KC7KAV RCT #1
1220 S 74th
Tacoma, WA 98408 474-040

Richard Dougherty, KC7DPE RCT #1
Christina Dougherty, KC7KNN RCT #1
3623 S "J" St
Tacoma, WA 98408 471-073

Richard A.(Andy) LaJambe, KC7KIW RCT #1
300 Queen Anne Ave N
Seattle, WA 98109 669-052

Guy T. Frederick, KB7LGU RCT #1
8613 14th Ave S #186
Seattle, WA 98108 608-989

Glenn (Bud) E Graves, KC7IBV RCT #1
20704 Edwards Rd
Sumner, WA 98390 862-745

Charles N (Chuck) Inge, N7ETC RCT #1
16009 Carney Lake Rd SW
Port Orchard, WA 98366 360-876-1

Reinstatement:

David Dodd, WB7AUJ
2735 Cambridge Dr
Steilacoom, WA 98388 584-362

Trent Bronson, N2OBM
11420 105th Ave SW K-11
Tacoma, WA 98498 588-411

Eric Thompson, N7IXO
Margaret Thompson, KB7WYK
15201 13th Ave S
Spanaway, WA 98387 537-265

Roger L. Calhoun, KB7AZQ
13228 Emerald Dr NW
Gig Harbor, WA 98329 857-377

Address And Phone Changes:

Dan Smith, N7VXJ
2016 S 312th St
Federal Way, WA 98003 No Phor

New Call:

John Holwege, KJ7LW (was KC7BKA)

Silent Key:

Carmeane Perry deceased 5/8/95
XYL of Don Perry, K7QLC RCT #1
James M Perry, N7IZD deceased 5/19/95 RCT #1

Radio Club Of Tacoma - VE Testing

The Radio Club of Tacoma, W7DK, will be offerin **all license class** examination session on **Satur** **June 17 at 10 am** at the RCT Clubhouse locate 1249 S Washington St. in Tacoma. Pre-registratio required. Be sure to bring original and a copy of lic and any CSCE plus a piece of identification.

For further information call:
Jerry Seligman, W7BUN at 845-7652
Walk-Ins Are Always Welcome

15th Anniversary
May 18, 1980

The Great Mt. St. Helens DXpedition

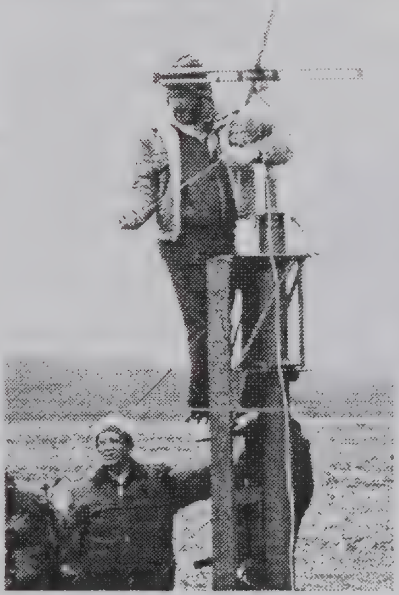
de Mike, KB7QOP

Stumbling out into the icy mist atop ColdWater Ridge the orning of May 18th, I could hardly suppress the feeling that I as in a foreign land. Surrounded only by fog and the heavy ence of isolation, the proud American flag flapping above e as it hung from one of the nearby antenna towers, erything I had ever thought of in the word "DX-Pedition" splayed itself before my sleep-weary eyes. It wasn't a DX-edition, I told myself, but it was the next best thing. It was e W7DK Mt. St. Helens Adventure.

For those of us who were lucky enough to make it out to s event, it was an occasion to remember. I can't speak for eryone, but I had a GREAT time. To everyone who helped t this together (Ralph, Brian and company) please accept y thanks for the opportunity. I missed a few days of school, t all of 6 hours rest over a three day period and in general as at times cold, miserable, hungry and subjected to loud eep-related noises from certain members of the expedition. was all worth it.

With operations on nearly every band we were set up to nd out contacts to people all over the country and, as it rned out, the world. Conditions were relatively poor, but the F stations still managed to make close to 200 contacts in the ort operating period, including several with Australia, exico and other countries. On 2 meters things never slowed wn for Bob, KB7NBQ, who probably set a few records for enerating special-event contacts on VHF. I believe the latest tals for VHF are over, or at least very close to, 300 QSO's. alk about a big response! I myself had the pleasure of orking HF CW, and it was really a lot of fun. For that articular mode, things went pretty slow: a contact here and ere and plenty of time to take in the fresh mountain air in-between. I think in many ways this was a blessing since I was able to take it easy and tell each person a little about the event, the eruption and ask them a bit about themselves. Many of the operators in the northwest area described their memories from that day 15 years earlier, and even those in far off eastern states seemed to appreciate what we were doing. It was a rewarding experience to be able to put WA7ASH on the air.

In retrospect, I don't believe things could have gone any better as far as I was concerned. Everyone seemed caught up in the spirit of the event, and the good-natured mood left a cheerful impression upon me and, I hope, the others who were there. This is the kind of thing the Radio Club does best and I hope that similar events are forthcoming in the near future. For every amateur that went are dozens who did not, and I must say they missed out. As long as the club keeps its ambitions up and its spirits high, though, I know the next big adventure is just around the corner. I plan to be there.



W7DK at Mt St. Helens

de Brian, KA7KUZ

We can now say "Been there, done that!" W7DK made an impressive show at Mount St. Helens to commemorate the 15th anniversary of the eruption and to honor those amateurs who died in the explosion.

We got started at 8 am on Wednesday May 17th when a group of us meet informally at Shari's Restaurant near the W7DK clubhouse. Jim, K7YLM, was handing out maps with some minor revisions that would have gotten all of us lost.

We finally hit the road at 10 am with all the gear in hand. Except for a minor scrape with an obnoxious 18 wheeler, the caravan made the camp site by 1 PM. Upon arriving at the site it was obvious that the weather and the mountain would not cooperate. The clouds were hanging low and refused to let the mountain show. The temperatures were in the low forties and with the wind chill factor it felt more like freezing. By early evening we had the antennas up and the stations set up to operate. Our first CQ on 20 meters yielded contacts on the east coast when the band should have been closed. Meanwhile Bob, KB7NBQ, was working the 147.06 repeater for contacts and Mike, KB7QOP, was banging away on the key making CW contacts. We made contacts from the east coast, Antigua, Hawaii, and Australia until we quit that night at 1 am.

The morning started about 6:30 am and the mountain and the weather still would not cooperate. When I awoke on the morning of the 18th the temperatures were in the upper thirties and the fog was so thick you could hardly see 10 feet. The reports coming up from Castle Rock was that it was sunny and temperatures in the 50's. We continued to work the contacts even though 10 and 15 meters was dead and activity was slow on 20 meters. Several contacts were made on 40 and 80 meters phone and CW although the skip into Tacoma on these bands was not the best. We continued to rack up contacts on the repeaters and 2 meter simplex. Dan, N7QWH, made several 2 meter SSB contacts into the Portland area.

As the day went along the weather did continue to improve but the mountain refused to show itself completely. Throughout the day a stubborn cloud hung over the mountain blocking a complete view of the mountain. When we broke camp at 7 PM the clouds had lifted just enough to provide a spectacular view of the mountain. We finished up with just over 500 contacts. **Many thanks to Bud Jones, WA7ASH - his call added a unique quality to the entire expedition.**

I would like to thank everyone for the time and effort they made to make this a success. I would like to list the name and calls of all those who participated but I don't have the list at the moment. I will follow up in the next Bark with the names to make sure everyone gets mention.

Thanks everyone! 73

Jim Quring, Manager
Coldwater Visiter Center

The day I called the Cold Water Ridge Visitor Center and talked to the manager Jim Quring, I knew instantly that his job was to listen to my off beat request. The more we talked the more excited Jim became to know how he could help the RCT achieve it's goal of a dx-pedition to the Monument.

I told him about my love affair with the mountain as I had spent more than thirty years as an enthusiast. When the kids and I used to go down to Spirit lake and rent a canoe from Harry Truman when we had money, or he said, "go ahead and use one of the boats to go swimming and fishing," when all we could scrape together was gas money. The kids and I used to go up to the upper parking lot on the east side of the mountain and slide down the pumices slides.

My wife took a header for a couple of hundred feet straight down with her two Labradors rolling after her. She got up and dusted her self and the two dogs and then began to faint as she thought she should have multiple injuries. Mt. St. Helens popcorn, or marshmallows and other unique nicknames for the famous pumice attracted people from far and wide.

In early June after the mountain blew two other amateurs and I went into the blast zone as far as the 99 road out of Randle to check on radio reception that was to become a necessity. We almost stayed there permantly. The depth of the ash and the instability of the blow down near had us trapped.

Later that summer and for the next three years several amateurs and I used our big beam antennas to give scientists and other personel, with local amateurs onboard, radio coverage when it became too expensive to keep contact by airplanes and helicopters. By bouncing our two meter waves off the south side of Mt. Rainer, we could cover an area from Kelso to Stevenson.

Jim guided me to the Monument Headquarters to talk to Betty Sneddon and later had the good fortune to meet her and totally appreciated her help and guidance through the paperwork that finished as a Use Permit.

A quote from Gary Cooper's last film seems approp "by darn, wouldn't it be fun to tear it all up and start all again."

To Jim Quiring and all of the Federal Monument pe thank you on behalf of the Radio Club of Tacoma and a amateurs that participated around the country and the v we are truly grateful for your direction and support.

73, Ralph, KA

RADIO CLUB OF TACOMA
W7DK

W7DK at Mt. St. Helens

Roster
Ralph Fuller, KA7FIG
Brian Spindor, KA7KUZ
Jim Kirkreit, K7YLM
Judy Kirkreit, AJ7R
Dan Kelly, N7QWH
Bob Tilley, KB7NBQ
Val Baldwin, N7VGO
Owen Nelson, KB7UXP
Bob Teitzel, WA7ZZA
Alan Hughes, KB7SVU
Alan Allen, N7EAY
Joey Allen, KB7UXC
Tom Sanders, W6QJI
Mike Treit, KB7QOP
David Dodd, WB7AUJ
Stan Warburton, N7KMF
Nana Downey, N7OIX
Lou Simmons, KB7WDB
Nora Simmons, KC7JME
Peter Thorsen, KC7IBI & xyl Eloise
Bill Shimmin, W7GBC
Don Olson, AB7DS
Bob Hagar, KI7HW
Andy Braaten, KB7DOX
Shirley Murphy, N7QHW
Tom Murphy, N7QHX
Rob Lee, K7TGU
Trent Bronson, N2OBM
Worth Gurley, W7WG
Al Williams, K7PUC
John Ege, KC7FGG
Ted Burford, KC7CAX

GUESTS:
Mary Lou Brown, NM7N, ARRL Director, NW Di
Jim Quiring, Director, Coldwater Ridge Visitor Cen
Pat Wormley, N7KQY, ICOM America
Bob Wormley, xom (xym?) of Pat, N7KQY
Danyel, KC7HQL

News from ARRL

de Jerry, W7BUN

The National Telecommunications and Information Administration (NTIA) has just released a 10-year projection of frequency requirements for all radio services. The study concludes that the Amateur Radio Service could use an additional 2,180 KHz of spectrum in the future. The spectrum needs of other radio services will have to be considered and details of technical compatibility will have to be studied before any firm rulemaking proposals can be expected.

The second World Radiosport Team Championship WRTC) to be held in Washington, DC, has been postponed rom July 1995 to July 1996. The major reason was that inancial sponsors want more time to arrange their publicity. The first WRTC was held in Seattle in 1990. October QST carried a preliminary story about WRTC-95.

Space shuttle flight STS-71, to be launched in June, will eature docking between the shuttle and the Russian MIR space station. New special frequencies are: FM Voice Downlink: 145.84 MHz; and FM Voice Uplink: 144.45 and 144.47 MHz.

The FCC has requested that examinees inquiring about he granting of a license or issuance of a call sign wait at least 0 days before calling the consumer line. At the end of April, he FCC indicated that the new Form 610V for vanity call igns will not be available for several weeks (NOTE: RCT has 5 on order and arrival will be announced at Club meetings nd on the Tuesday evening 147.28 MHz Net).

AROWS

de Tressie, KC7BAL

Hello from the ladies of A.R.O.W.S.

On the 13th of May, Marilyn, KJ7BN, invited the group to the TOA picnic area on Puget Sound, where we had a great sack lunch meeting. The weather was beautiful and we really enjoyed ourselves. We discussed Field Day, which will be held June 24 and 25, and the RCT Flea Market on August 12. The ROWS will be serving the food for both events and plans are oming along nicely.

From there we traveled to the Factory Outlet Mall at Gig Harbor and had a ladies shopping day. Some of us even ound some new shopping sources.

The next AROWS meeting will be Saturday, June 10, at he RCT clubhouse at 12:30 PM. We hope to see some new aces. If any further information is needed, please call me at 40-4947. -73-

Unclaimed prize from April 26 meeting: Kenwood watch ticket # 176219 -- contact Marilyn, KJ7BN, 845-8346

Advertisers

There is a rate chart found on Page 2 of the *Bark* that ertains to number of ads, 12 or less times the established ee. If for example you had 5 business size cards, your fee is 25. This service to a member's business does help offset he cost of the Bark and we appreciate your support.

lease send your check to:

Loggers Bark Advertising
PO Box 11188
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Morse Code The Easy Way

de Mike, KB7QOP

I would like to elaborate on something I wrote in the past. I mentioned that, in my opinion, the best way to improve your CW speed is by actually using the code on the air. Audio tapes, computer programs and other training materials are really no substitute for a good ragchew on 80 meters or leisurely contest QSO's during field day. Do these other methods help you learn the code? Of course! But once you have obtained a certain level of proficiency, getting on the air is really the best way to go. What is this level of proficiency? Let's just say that if you barely managed to scrape through your 5 WPM test, hands shaking and heart racing, you are more than ready.

To those who find this hard to swallow, let me use myself as an example. A little over three years ago I passed my novice test. I had learned CW by studying with SuperMorse, a computer program, every day for a half hour or so. After a little over six weeks of study, I went to take my test. At that time, my CW was BAD. I mean, really bad. In fact, I could barely copy that 5 WPM...but I managed to get enough down on paper to pass the test. I never used SuperMorse again. What I did use was my radio, which was set up with a listening antenna about a week after I passed my exam. I'm not sure why, but I never thought about listening to the phone portions of the HF bands. I think looking at my ICOM band chart convinced me that novices like myself were intended to stick with CW. So I did. And since then the only method I have used to improve my code speed is by talking with people on the air. And you know what? It worked!

Today I can copy upwards of 30 WPM, thanks to the simple (and indescribably enjoyable) act of making Morse code contacts with hams all over the country, and the world. Obviously I am not a CW genius; I can't drive around copying 40 WPM in my head like a certain club president that I know. But I have had the enjoyable experience of attaining a proficiency that is more than adequate for normal CW operations. It's really all a matter of sitting down at the radio and having fun with it. If you think you can't improve your CW, ask yourself if you've ever actually used it on the air.

Many people have told me that they wouldn't want to burden others with their "awful CW", but in reality most hams enjoy talking to people who are still working on getting their speed up. If amateurs were willing to put up with me asking for a repeat on their call six times while they were sending perfect code at 5 WPM, I know that they will do the same for you. So go fire up your rig on 40 meters tonight, or go work the club station next weekend, or go sign up for field day to work CW, but whatever you do: **try getting on the air**! I think you'll be surprised at how quickly you can improve.

Address Changes

If you change your address, don't forget to notify the club immediately. The Post Office will not forward your Logger's Bark, but instead returns it with $.50 postage due. Also, members who notify the Post Office that they will be "temporarily away" will have their Bark returned to the Club. Each month as many as 6 to 10 Barks are returned; members don't get their Barks and the club loses about $50 a year. Call Dick, W7RGD, 627-0922, or Jerry, W7BUN, 845-7652, to report any changes in address, phone number, or call sign. Thank you!

RACES/ARES

de Shirley N7QHW

April 26, 1995 for **Soundquake 95** found the RCT clubhouse buzzing with lots of activity and people helping to support the earthquake exercise. Brian, KA7KUZ, and Don, AB7DS, were handling the traffic for the HF station as net control for the Puget Sound Region which is composed of King, Kitsap, Mason and Pierce Counties. Pierce County has been designated as Net Control for these counties which means the traffic from all four counties needing to be sent to the state is sent through net control and then sent on to the state. This was set up in this manner so there would be fewer stations trying to contact the state DEM all at once. They also used two different frequencies to pass traffic. One being used for Immediate traffic only and the other used for Priority and Routine traffic. Helping Brian and Don were Bob, KI7HW, and Alan, KB7SVU and even Dan, N7QWH, came after work.

At the same time, Judy, AJ7R, and Lorraine, KA7WGG, were handling the net control duties on 2 meters for the Puget Sound Region. Traffic from the counties was passed to Pierce County Net Control Station on 2 meters which needed to be sent on to the state for action. Since this station was handled downstairs, there was lots of running going on up and down the stairs.

Poor Eve, WB7QNS, had been beseiged by messages all morning and was sorely in need of a break for some rest. So Shirley, N7QHW, dug into her Emergency Communication bag and got out another antenna with coax and appropriate connectors, handheld radio, and her ever faithful Quantum battery and lo and behold, another 2 meter station was set up and functioning as net control on the 2 meter frequency being used for Pierce County traffic.

Alan, KB7SVU, was our multi-purpose man of the day and thanks to him we were able to order in pizza for lunch and it was great. For dessert, Frank, KG7HB, and Luis, AA7WE, came to our rescue with yummy breads and cookies. It was a busy day for everyone but we were sure well taken care of by all.

In addition to all of this activity, Brian simulated a power outage so the repeater was not operational. The first one on the scene to try to get the repeater operational again received a lesson on starting the generator and putting the clubhouse on generator power. As luck would have it, everyone arrived at the same time so many people had on hands experience switching the clubhouse from commercial to generator power. The station operated the remainder of the day on generator and all went very, very well.

Public Service continues to be busy with events and still needs volunteers. If you can help, contact our **Public Service Event Coordinator, Judy LaFleur, N7NII**. Judy can be reached at **847-5198** if you are interested in helping out for any events. June 10 is the big Sound to Narrows Run and lots of volunteers are needed for that and in July will be the Tour de Pierce(bike-a-thon), usually about the second weekend in July. There is also a parade in Gig Harbor the first weekend in June and the Strawberry Festival on Vashon Island(date unknown) that often need help too. If you are unable to contact Judy, feel free to call me, Shirley, N7QHW, at 265-3661 and I'll get your name to Judy.

73 Shirley, N7QHW

Tip Of The Month

"After An Earthquake"

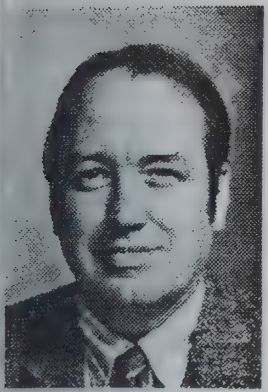
1. Check for injuries. Do not attempt to move seri
injured persons unless in immediate danger of further inj
Call for help immediately.
* If the victim is unconscious or has head or facial inj
clear the airway so that the person will not choke.
* Maintain body temperature with blankets but be sure r
overheat.
* Never try to feed liquids to an unconscious person.
2. Stay out of severely damaged buildings. Return to
home only when authorities have said it is safe.
3. Wear sturdy shoes in areas covered with fallen debris
broken glass.
4. If possible, clean up spilled medicines, bleaches, gas
and other flammable liquids inside buildings. Evacuat
building if gasoline fumes are heavy and the building i
well ventilated.
5. Visually inspect utility lines, chimneys and appliance
damage.
* If you smell gas, open windows and shut off the mair
valve. Leave the building immediately and report the le
the gas company.
* Do not use electrical switches or appliances of gas
are suspected.
* Switch off all electrical power at the main box.
* If you can see that water pipes are damaged, shut o
water supply at the main valve.
* Do not switch on gas or electricity until the power com
has checked your home.
* After the initial stage of the emergency has passed, fin
from local emergency officials whether sewage lines are
before flushing toilets. Plug all bathtub and sink drai
prevent sewage backup.
* Check chimneys for cracks and damage. The initial s
be made from a distance. Approach chimneys with
caution.
6. Check food and water supplies. If water is cut off
water from water heaters.
7. Check the contents of closets and cupboards. Open
cautiously.
8. Stay off the telephone, except to report an emergency.
9. Turn on your battery-operated radio to get the
emergency information.
10. Stay off the streets, but if you must go out, travel
care. Watch for hazards created by the earthquake, su
fallen objects, downed electrical wires, or undermine
cracked bridges, roads and sidewalks.
11. Stay away from damaged areas, unless your assis
has been specifically requested by police, fire or
organizations.

73 Shirley, N7

VE Testing

The Maple Valley Wireless Society will conduct a
License examination the Third Tuesday of each m
and shall begin 7pm, promptly at the Auburn Fire St
located at 1101 "D" Street NE, Auburn WA. Be su
bring original & a copy of your license and any C
plus a piece of identification. For more informatio
how you might participate, call **Bill, W7GBC**, 584-
or **Ralph, KA7FIG**, 582-5841.

Walk-ins are always welcome.



Repeater Report

de Mike WB7DFQ

Late the evening of April 30, 1995 the controller firmware for the 147.88/147.28 repeater was updated to Version 2.0. At the same time the autopatch code was changed along with some other minor functions. The most noticeable changes involve the voice ID message, the courtesy beep, and the autopatch dialing and hang-up messages. At this time the only emergency autodial available is 911 and the old 910, 912 etc. have been disabled pending a review of the need for their existence. In addition a ime and date macro was added which allows the user to query the repeater for the current time and date.

Because of the new macro and the addition of several new users I thought it might be a good time to review the proper usage of the autopatch and any macro capabilities which exist. To use the autopatch the correct sequence is as follows:

1. Listen until you determine that the repeater is not in use.
2. Transmit "This is (Your Call) accessing the W7DK autopatch"
3. Listen for a few seconds to determine if there are any objections.
4. Transmit the security code, the phone number, and * star).
5. The repeater should respond "Dialing".
6. When your party answers conduct your conversation.
7. Upon completion of your call transmit # (pound) to hang up.
8. After the repeater responds "Goodbye at (time and date)" Transmit "This is (Your Call) clear of the W7DK autopatch".

It is important to note that if you allow a pause, which is greater than 5 seconds, to occur in the dialing string the controller will clear the digits which you have input causing the call to be silently aborted. For example:

Security code = 27(example only)

Phone Number = 123-4567

If you dial: 271234 (Pause for more than 5 seconds) 567* the call will not go through.

You must dial: 271234567* without interruption for successful completion of the call.

Because of this you should use an autodialer if at all possible or write down the string as it will be dialed before you egin. Again just so that it is clear, once you start to dial, any ause without entering a digit, of greater than 5 seconds, will ause your call to abort. Although this seems like it is omewhat inconvenient it is this feature which keeps the utopatch from getting hung up in some unknown state when omeone misdials or has a digit which is not correctly ecoded due to noise or other causes.

Please remember that although the FCC has loosened ne rules about using amateur radio for business, the Radio lub of Tacoma policy remains that the W7DK repeaters and utopatch are not to be used for any business related ctivities.

To use the new time and date macro just identify yourself nd enter 5555*(star). The repeater will give the date and me.

The controller has several other capabilities which can be ctivated and you will see some of them in the future as we omplete our repeater plans and begin to implement them. o assist in this effort we need your input. Please complete ne questionnaire which was included in last months *Bark* and get it in. We need as many responses as possible to ensure that the tabulated results reflect the opinions of the entire club and not just a few individuals. -73-

W7DK HF Station

de Brian, KA7KUZ

So often I listen on the HF bands and hear the mistakes that people make intentionally or by accident. I want to spend a little time talking about operating practices on the HF bands which does spill over into the VHF/UHF spectrum of Ham Radio. Here are some of the pointers to keep in mind while operating.

1. Listen! Listen! Listen!

Before you reach for the microphone or key, listen to see if the frequency is in use. Spend a minute listening to see if the frequency is in use. If you hear stations off frequency then you probably will want to change frequency slightly to avoid interference. Ask, "is the frequency in use?". If it is, someone will usually come back on frequency to let you know it is in use.

2. Tune up off frequency.

With some of the older radios with tube finals (and transistorized finals without an automatic tuner) the operator must tune up the radio (dip the plate and peak the load). When done on the air it can cause a tremendous amount of interference if someone is trying to operate on the same frequency. Too often I hear people tune up on frequency when some other poor fella is trying to work a rare DX station and the interference ruins his chance of making a good contact. Get a dummy load and initially tune up your radio into it. (A dummy load, to be brief, is an antenna in a can that does not allow RF energy to be radiated into space thus eliminating on the air interference.) Switch over to your antenna and listen for a quiet spot on the band and then do your final tune up. You're now ready to make the contact and you've done it with a minimum of interference. There is nothing more frustrating than trying to work a rare DX station and you can't make them out because of the interference caused by someone else tuning up on the frequency. (If you own a radio with transistor finals and an automatic tuner your radio has tuned itself with causing interference.)

3. Use the minimum power necessary to complete the QSO.

FCC rules clearly stipulate that amateurs are to use the minimum amount of power necessary to complete the QSO. Most, if not all, amateur contacts can be completed on 100 watts or less! I am beginning to believe that it is mandatory to own a 1500 watt amplifier if you are an amateur in California. When someone says "DX!" in California, the lights dim in Washington from the amplifiers being turned on. When making a contact use the minimum power at first. If you can't get through after several tries, then increase your power. Most of my DX contacts have been with 100 watts or less.

4. Avoid the controversial stuff.

When you're in a QSO, avoid the controversial subjects. Avoid talking about religion, politics, etc. that may cause heated discussions or ill will. Don't use profanity. Stick to a cordial and courteous conversation. Keep in mind we live in a very diverse world with widely varying opinions.

5. Keep DX contacts short and straight forward.

When working DX stations often times the pile ups of people wanting to work that station can get heavy. If you make a contact, stick to giving out a signal report, your

Amateur Radio Exams in the Puget Sound Area as of May 23, 1995

1st Tuesday - 7 PM - Puyallup South Hill Library, 15420 Meridian East, Puyallup - Contact Mike Horbul, KI7YB, 845-2545, Puyallup

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, Kirkland - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 10 AM - North Seattle Comm. College, Rm 3343, 9600 College Way N. - Contact Mike Mitchell, W7WHT, 282-1438, Seattle

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, Kent - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

2nd Tuesday - 6:30 PM - Everett - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd Tuesday - 6:30 PM - Burley - Burley Bible Church - Contact David Brooks, N7HTK, 876-1399 (between 9 AM and 3 PM), Belfair

2nd & 4th Thursdays - 7:00 PM - Ft. Lewis Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - Tukwila - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - Auburn - Fire Station, 1101 D St NE -Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - Ferndale - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - Renton - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - Sultan - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - Montesano High School - Pearsall Center, 2109 Sumner Ave - next session - May 20 - Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - Stanwood - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - Everett - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - Marysville - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

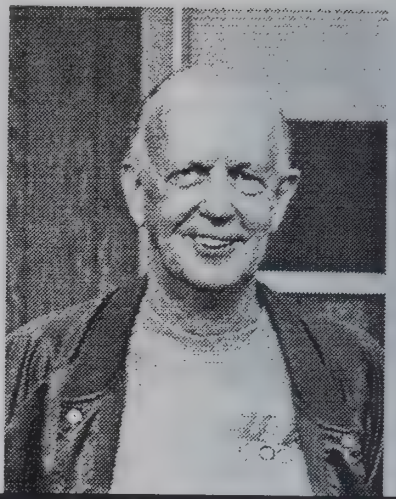
4th Saturday - 9:30 AM - Bremerton - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - Olympia - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

June 17 - Saturday - 10 am - Radio Club of Tacoma Clubhouse, 1249 S. Washington St, Tacoma - Contact Jerry Seligman, W7BUN, 845-7652, Puyallup

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

3rd Thursday - 7 pm - Packet meeting at the clubhouse.



JAMES MELDRUM PERRY - N7IZD
CAPTAIN - USAF (Ret.) RCT #1223

James Meldrum Perry, born August 7, 1929 in Hor HI, died May 19, 1995. He served on the Berlin Airlift, the Korean Conflict, and in Vietnam. He was employed Washington State Liquor Control Board subsequent to Force Service. He was a member of the Retired Of Assoc., and First Christian Church of Honolulu.

He is survived by his wife, Christa of the home; chi Lorenz, WA7CQE of Brinnon, Gloria of Bellingham, Edw Gig Harbor, Richard of Seattle, Wayne of University Patricia (Campbell) of Bend, OR and Raymond of E sister, Virginia Ainsworth of Denver, CO and his br William of Little Rock, AR and 9 grandchildren.

Jim is also survived by the Radio Club of Tac He started out as a novice and joined the Club in Jim upgraded to Extra in 1987. His last radio contac on 2 meters with WA7ASH.

Jim was an avid DXCC and belonged to DXCC Ce Honor- Roll with 320 contacts. As dedicated dxer Jim enjoyed the low bands as hobby,

Memorials may be made to Good Samaritan Ho Hospice in his memory. At his request there were no fu services.

CARMEANE E. PERRY
Wife of Don Perry, K7QLC

Carmeane E. Perry, a 60 year resident of Tacoma, to be with her Lord on May 8, 1995 after a courageous with lung disease. She was born in Andover, S.D. on Fet 1919, the only child of Russell and Ella Bond, both decea

She is survived by her husband of 53 years, **Donal Perry** (Pierce County Clerk-Retired); daughter and son-ir Pamela and Terry Bendiksen; her aunt, Gladys Crooks sister-in-law, Fayola McDonald; and numerous cou nieces and nephews.

She was a dedicated homemaker and gardener enjoyed caring for her family and traveling and fishing. was a longtime member of Sixth Avenue Baptist Cl where she served on the Diaconate and several committees and was a member of the Radio Club of Tacc

A memorial service to celebrate her life was held at Avenue Baptist Church, 6th and Fife Streets, 2 p.m., May 13, 1995. Memorials may be made to your fa charity or the Shrine Hospital for Crippled Childre Portland. Arrangements by Tuell-McKee Funeral Home. 1414.

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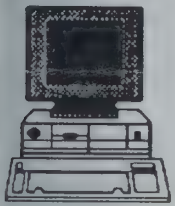

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Also Stocked: Various RF/Mic Connectors, Coax/Rotator Cables and selected products from Cushcraft, Daiwa, Diamond, Hustler, ICOM, Kenwood, RF Concepts, Uniden, Bearcat, and Yaesu.

Radio Depot Offers the Largest Selection of Standard Radio and MFJ Products In WA.

location, and your name. If you listened before you made the contact you would have gotten the station's call, location, and name. Asking the other station to repeat information only takes away time for others to make the contact. Avoid giving out other information or chatting with the station unless invited to do so.

6. Resolve interference

Keep in mind that the ionosphere (the thing we bounce our radio signal off to make contacts) is constantly changing. When you initially started your QSO you may not have heard that other station in there but, because the ionosphere changed you're now interfering with the other station. Instead of arguing about who was here first, both stations should try to move slightly off frequency to avoid interference. If someone is interfering with you ask courteously for the other station to move off frequency. If you can't get the other station to move off frequency don't waste you time stubbornly trying to talk over the other station; life is too short - change frequency!

7. Be patient and have fun

Remember, in the end, amateur radio is a hobby. We're here to communicate, meet new people, and encourage the growth of the hobby. If you're not having fun and you're not making it fun for others then there is no point in continuing with the hobby. As I said in last months article, be aware that there are others out there with less experience than you; take the time to help them with the rules of the road.

Of lately we've become a society of individuals rather than a community. How often have you heard of someone being killed over something trivial, law suits over stupid things, and people insisting on getting their's first. Take the time to follow a few simple rules and respect your fellow amateur and this hobby will flourish. The alternative is CB radio!

What's So Special About Being A Member Of The Radio Club Of Tacoma?

Recently, an arson fire gutted most of the apartment of former club member Mario Badua and his family. If his wife had not been awakened by the crackle of the flames in the living room, she, Mario and their son would not have made it out. They thought they had lost everything. News of the fire spread the next day and help was requested.

A salvage work party was started by Denny, W7ZTG. We managed to save a good portion of their clothing, some radio equipment, and some odds and ends. The rest was lost. Gifts and money were collected and many offers of goods were made by many members of the Radio Club of Tacoma.

Thank you to all of you who assisted and who donated. You have made a real difference in the lives of Mario and his family and your kindness, help and generosity will not be forgotten.

YOU are what makes the Radio Club of Tacoma so special.

Marilyn, KJ7BN

Wanted

BC-348 Receiver & C-124 Aircraft Telegraph Key
for Static Display being refurbished for the
McChord Air Force Museum.
Items do not have to be in working order.
The Donation is Tax Deductible!
Call Ray, W7KFN, 206/572-9169

Wanted!

Anyone who is currently active on AT
Val, N7VGO is seeking hands-on
information on this mode.
Call: 927-2351

Packet Thoughts

de Mark, KC

W7DK Packet BBS Part

This month we're going t exploring BBS commands. BBS commands are: **A, B, C G, H, I, J, K, L, M, N, O, P, T, U, V, W, X, Y, Z, >, =, !, ?.**

It's difficult to decide wh begin because all of commands are very useful a time or another. Nonetheless, I guess I have to somewhere; that somewhere will be the **List** command The **L** command LISTS messages on the BBS. The com by itself will list all new messages since you last issuec command. This is pretty straight forward if you want a messages; but what if you don't. Well, as one would there are lots of options or variations of the L comma adding a suffix to the command; such as **LB**. This com would provide a listing of *Bulletins Only*. Listed belov summary of the various suffixes and their meanings f **List** command:

L Lists all new bulletins since you last issued command
LB Lists all bulletins
LC Is used for special listings. See the LC information b
LD>YYMMDD Lists all messages received *after* the spe date.
LD<YYMMDD Lists all messages received *before* specified date.
LM Lists all messages TO YOU (List Mine).
LN Lists all UNREAD messages to you (List New).
LL ## Lists the last ## messages on the BBS (List Example: LL 25 will list the last 25 messages received BBS.
LS [Text] Lists messages with [Text] anywhere i SUBJECT. Examples: LS TNC, LS DX
L< [Call] Lists messages FROM [Call]
L> [Call] Lists messages TO [Call]
L@ Lists locally entered bulletins with no @ BBS-field.
L@ [Desig] Lists messages @ [Desig] specified.
Example: L@ WW
L [Msg#] Lists that message only.
L [Msg#]- Lists messages with that number and higher
Example: L 11425- Lists messages from 11425 and h
Note: The dash (-) is needed for this list.
L [Msg#]-[Msg#] Lists all messages in this range of nun
Example: L 18500-18550 Lists all messages from 185 18550
LU Lists all UNREAD messages to and from you.
LR Lists messages in reverse order, starting with the one. Note: LR can replace L in most contexts.

Special Command LC:

With the LC command you can specify s CATEGORY (To Field) listings. To use this command ty [Category]. Examples: LC DX LC *DX*

If you type LC DX then ALL list commands (except LM and LN) will only list messages with a CATEGORY of DX. If you type LC *DX*, listings will contain all CATEGORIES that have DX in it, such as VHFDX, DXHF, etc.

To go back to listing ALL message CATEGORIES, enter LC *

LC ? gives you a list of all CATEGORIES.

73 Mark, KC7FAA

The Packet New User Part 2

de Pete, sysop KA3RFE.MD.USA

"GARBAGE CHARACTERS"

You may see some very strange-looking characters flitting across your monitor's screen from time-to-time. Those funny-looking things are symbols for binary data being transmitted. There are several sources that use binary data instead of text. Net/Rom nodes use binary data in their nodes broadcasts. The purpose of the node broadcasts are to inform other nodes within range what other nodes they can connect with. The data is binary for reasons of accuracy.

Another source of garbage characters is binary file transfers from a BBS to a user. These transfers are generally executable programs that the BBS might have stored for downloading by users. These differ from text files in that the binary code contains control characters and computer programming commands which cant be sent as text files.

A third source of garbage characters is TCP/IP packets being sent between two stations using that protocol to exchange files or mail. TCP/IP is a protocol which has several different layers to it and can be used to interface with some land line computer networks such as those used by colleges and government computers.

Lastly, the FBB bulletin board software, which is becoming very popular, uses "compressed" forwarding to forward to other FBB and compatible BBS's such as GTEPMS systems. The data are reduced to binary code and compressed before sending the traffic.

So, if you see funny-looking symbols on your monitor, don't panic, it's just binary traffic going by.

-73-

Flagships of the Mt St Helens DX-pedition

A big thank you to Owen Nelson, KB7UXP and Bob Teitzel, VA7ZZA, for providing their RVs to serve as base camps for the event.

Don't Quit

Don't quit when the tide is lowest, For it's just about to turn; Don't quit over
doubts and questions, For there's something you may learn.
Don't quit when the night is darkest, For it's just a while 'til dawn;
Don't quit when you've run the farthest, For the race is almost won.
Don't quit when the hill is steepest, For your goal is almost nigh;
Don't quit, for you're not failure, Until you fail to try.

—Jill Wolf

Countdown to Flea Market '95

only 2 months to go!

RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
APRIL 26, 1995

The meeting of the Radio Club of Tacoma was called to order at 7:30 PM by President Jim Kirkreit, K7YLM, with 71 members and 2 visitors present. A quorum was present for conducting official business.

MEMBERSHIP: There are 444 members as of this date for 1995.

MINUTES: Previous minutes were available at the front of the room.

NEW LICENSES AND UPGRADES: Shelley, KC7KAO, received her technician license; Owen, KC7KAV, received his technician license; and Dan, KC7KAN, upgraded to general.

TREASURER'S REPORT

GENERAL FUND CHECKING	493.39
REPEATER FUND CHECKING	1,570.82
PACKET FUND CHECKING	377.94
FLEA MARKET CHECKING	992.00
MONEY MARKET SAVINGS	12,244.93
SCHOLARSHIP WORKING FUND	600.00
SCHOLARSHIP MEMORIAL FUND	2,599.98
CASH ON HAND	214.00
TOTAL ALL ACCOUNTS	$19,093.06

BYLAWS: Ray, W7KFN, gave us his view on the Bylaws. He spoke on the procedures involved in compiling the new Bylaws, starting with his appointment as Chairman of the Bylaws Committee by former President Kathleen Nace, NØEYK, a year and a half ago. They tried to incorporate the preliminary studies by the Long Range Planning Committee, plus what they saw was necessary to meet the requirements of the Nonprofit Corporation Act and the 501(c)(3) and the procedures you have to follow for the Internal Revenue Code 509 (a) (2),.

A point of order was made that there could be no discussion, since there was no motion on the floor, so **Ray, W7KFN, moved for rejection of the Bylaws. Motion seconded by Marion, WV7Z.** Then, in discussion, Ray expressed his concerns as to whether the bylaws were in complete compliance with the Articles of Amendment, RCW 24.03, IRC 501(c)(3), IRC 509(a)(2) and other appropriate statutes. In the past the proposed bylaws were submitted to the Legal and Regulatory Committee and wonders if this should be done currently. Jim, K7YLM, asked the club parliamentarian, Willie, KA7NXK, for his recommendation.

Willie said the club has to decide if it wants to fight over bylaws for the next few years or if they would like to enjoy the hobby. Willie said the new Standing Rules will cover most of the things Ray talked about, everything they thought needed to be there. Shirley, N7QHW, said Ray's concern is because we don't send Standing Rules to the I.R.S., so things should be in Bylaws showing we comply with 501(c)(3).

Joe, KA7DCX, made a motion to table the motion on the floor until the Bylaws have had consideration by a lawyer chosen by the Board. Motion seconded by Burton, WA7QQK. MOTION PASSED.

Mike, WB7DFQ, moved to accept the Bylaws. Motion seconded by Ralph, KA7FIG. In discussion, Mike said this Bylaws revising has been going on for years. Mike said the last time the Bylaws were revised we dropped in membership by 50%. The intent of the Bylaws is not to do something illegal. He said we have the ability within this organization to change the Bylaws once they're accepted and we have the ability to change the Standing Rules and may do so on a regular basis. Most everything is in the recommended Standing Rules today that was in the Bylaws. He believes that these proposed Bylaws, as revised, do allow us to meet the legal requirements of 501 (c) (3) and he recommended that we accept them.

Jackie, KC7CBN, moved that we table the motion on the floor until we've had an opportunity to have these revisions reviewed by an attorney of the Board's choosing to make sure that it's all legal. Motion seconded by Ray, W7KFN. MOTION FAILED.

Joe, KA7DCX, called for the question. The motion was read again to the membership: "Mike, WB7DFQ, moved to accept the Bylaws. Motion seconded by Ralph, KA7FIG." MOTION PASSED.

Mike, KB7VNT, said one thing we've got to consider: What is more important; the tax status or the club. Tax status can be changed. It's hard to replace good people.

Jim, K7YLM, said our hope, at one time, was that 501(c)(3) would give us a tax break of $1400 on our real estate taxes on our clubhouse. The State Commission sent us a copy of the Law and said that this could not happen. So the advantage of 501(c)(3) is diminished and it's something that we should all consider as to whether or not it's a good thing for the club. Maybe we'll send a survey out to the membership in the future.

AROWS: Marilyn, KJ7BN, said there seems to be a problem with AROWS and, as one of it's founders, said if it's going to cause a problem, we are very happy to defer to Ray's, W7KFN, recommendation, and pay rent for use of the clubhouse for meetings but she does feel that other organizations that are not 501(c)(3) should do the same. Also, if we have to pay to put an article in the Bark, that should apply to everyone else. AROWS is here to support the Radio Club of Tacoma but we're here for your benefit and your kid's benefit. We're willing to cooperate in any way we can.

501(c)(3): Mike, KB7VNT, made a motion to get rid of 501(c)(3) and go back to what it was before. Motion died for lack of a second.

COOKIES: Jim, K7YLM, thanked Frank, KG7HB for the cookies for tonight's meeting.

SILENT KEY: Jim, K7YLM, announced the passing of Walt Senters, KA7IOZ, on April 6.

PROGRAM: Jim, K7YLM, introduced Mark, KC7FAA, who gave us a very interesting program on the club's packet program. Mark told us the W7DK BBS, on 144.97, is on the air 24 hours a day. He covered some of the commands and options available: upcoming events, meetings, swapmeets, sending personal messages, bulletins, accessing the Callbook, and other items of interest to the ham comm He said he will be writing an article in the Bark for the ne months covering addition information.

NEW YOUTH GROUP: Jim, K7YLM, announce formation of a new youth group and passed around si sheets for prospective members and also for adults will assist this effort.

FIELD DAY: Jim, K7YLM, passed around a sign-up she helping with Field Day. He said the club's goal is to ha many as possible work on Field Day.

MEMBER CERTIFICATES: A Life Member Certificate issued to John Thomas, N7JFM. New Member Certif were given to: Marv Jacobson, KC7JKA, and Nora Simr KC7JME, and were available for Marc Malloque, KC7 and Steve Stolen, KC7KAZ.

CORRESPONDENCE: Jerry, W7BUN, read correspon concerning a 6-hr. Electro-magnetic Interference Se offered at the SeaPac Convention with continuing edu units given. There are a few openings left.

We received correspondence from Collins announcing a new software program called Collins Prop for $50, which lets you determine the best frequenci which to communication worldwide on any two sel locations.

WINTER THEORY CLASS: Jerry, W7BUN, issu Certificate of Completion to John, N7JFM, with 4 CEU's.

He also announced VE's are needed for Monday, M 6:00 PM, at the RCT clubhouse for testing.

LAST COAST GUARD CW MESSAGE: Jim, K7 announced the Coast Guard send their last CW messa April 1 and, if anyone needs a copy of the message to se for the certificate, please contact him.

SWEEPSTAKES AWARD: The ARRL has sent us a Place Multi Operator Phone Award for Western Washi Section for the 1995 ARRL November Sweepstakes. Certificate will be framed and hung in the HF Station RCT clubhouse by Brian, KA7KUZ.

FLEA MARKET: Alan, KB7SVU, informed us that the F Relations Person for Flea Market says we will have air ti Portland on both TV and radio stations. We also rec labels from the ARRL for the Flea Market flyers and he to have a mailing party at the RCT clubhouse Wednesday at 10:00 AM

FOR SALE: Alan, KB7SVU, announced for sale an ICO meter all mode 245, with the computer remote contro sale for $200.

AROWS: Tressie, KC7BAL, announced that, for the meeting, ladies should meet at the clubhouse with a lunch on Saturday, May 13, at 11:00 AM and they'll head special destination.

SOUNDQUAKE '95: Brian, KA7KUZ, gave a very sp thanks to Shirley, N7QHW, for all her help in to earthquake exercise to make it a success for W7DK. S will give an overall report on this event at the next meeting. Brian stated the repeater was down approximately one hour today and was brought up emergency power. He asked members to think about vulnerable the ham community would be in the event of disaster and make plans accordingly.

W7DK AT MT. ST. HELEN'S: Brian, KA7KUZ, annou plans for the commemorative event at Mt. St. Helen's, the callsign WA7ASH. Those interested should meet a RCT clubhouse at 9:00/10:00 AM on Thursday, May 17 caravan down to the Monument.

There will be a meeting at noon on Saturday, May RCT clubhouse to do some preliminary planning and a nvited. Even if you don't plan to operate perhaps you could onate equipment: campers, generators, radios, antennas, tc.

ICKEM STICKEM BARK PARTY: Shirley, N7QHW, nnounced there will be a Bark Party on Friday, April 29, at 0:00 AM at the RCT clubhouse. All are invited to help.

ROWS PRIZE DRAWING: Marilyn, KJ7BN, showed the rizes: a Kenwood watch, donated by Jim, K7YLM, and a CT T-shirt donated by AROWS. The ticket drawn for the atch was No. 176219, and will be published in the Loggers ark, as the winner was not present. The second prize, for ne RCT T-shirt, was won by Nora, KC7JME. Marilyn eminded the YL's this next weekend. Also, she said she had ne privilege of operating from Panasonic's station this past eekend for the Western Washington Daffodil Special Event tation on the air. Their new call is KC7KFC.

7DK AT MCCHORD: Jim, K7YLM, announced another utdoor antenna training session is scheduled for Holiday ark at McChord AFB. The exact date will be announced.

INTS & KINKS, TUNING & TRAFFIC: Russell, KB7UXC, ad a contact, via packet with New Caldonia and Australia. im, K7YLM, made contacts on 40 mtr. CW with Estonia, enezuela, Cuba, Argentina and some new Japanese calls.

DJOURNMENT: Meeting was adjourned at 9:15 PM.

Respectfully Submitted,
Judy, AJ7R, Secretary, RCT

ADIO CLUB OF TACOMA, INC.
OARD MEETING
AY 3, 1995

The Radio Club of Tacoma Board of Directors meeting as called to order at 7:30 PM by President Jim Kirkreit, 7YLM. There were nine board members and sixteen guests resent. A quorum was present for conducting official usiness.

REASURER'S REPORT

ENERAL FUND CHECKING	526.32
EPEATER FUND CHECKING	1,516.87
ACKET FUND CHECKING	377.94
LEA MARKET CHECKING	992.00
ONEY MARKET SAVINGS	12,244.93
CHOLARSHIP WORKING FUND	600.00
CHOLARSHIP MEMORIAL FUND	2,599.98
ASH ON HAND	20.00
OTAL ALL ACCOUNTS	$18,878.04

EMBERSHIP: Total membership for 1995 as of this date is 48 members.

INUTES: The minutes of the April 5, 1995 Board Meeting ere available.

EW BOARD MEMBER: Jim, K7YLM, asked the Board to elcome the newest board member. Mike Crawford, B7DFQ, was appointed to fill the new board position reated in the latest revision of the Bylaws approved by the embership at the April 26 regular meeting.

7DK BBS: The W7DK BBS now has a digipeater in Seattle nd many new bulletins and users. There is a possibility of ing it in to a modem on an experimental basis in the future.

ADGES, PINS, EMBLEMS, ETC.: Ralph, KA7FIG, troduced Terry Cassem who owns a small company called tar Emblems and sells and designs custom embroidered atches, pins, emblems, etc. He showed samples of his erchandise. The board discussed the possibility of the club rdering patches and a peel-off decal for W7DK. Alan, 7EAY, agreed to be coordinator of this research and will resent a proposal to the Board at the next meeting.

ORRESPONDENCE: Judy, AJ7R, read a letter from Paul obertson, N7WGU, Chairman of Pierce County ARES, sking W7DK to consider helping PC ARES by donating perhaps $250 to help them with their administrative costs. They have recently begun the process of applying for a 501(c)(3) tax exempt status.

Also, a letter was received from Ray, W7KFN, suggesting that the Radio Club of Tacoma take a strong, positive roll in emergency communications in keeping with our status as an Official Emergency Station. He proposes we make a grant of $500 to PC ARES, as a starter fund and consider an "endowment" approach in the future. He also suggests researching repeater needs, portable packet systems, etc.

A lengthy discussion followed and it was decided that, due to all the conflicts and politics involved in emergency communications, Brian, KA7KUZ; Shirley, N7QHW; and Alan, N7EAY, would take a month to research the situation and present their recommendations at the June Board meeting.

TELEPHONE SERVICES: Jerry, W7BUN, said phone service has been changed at the clubhouse. In the future, we will be unable to make any phone calls outside of the 206 calling area.

W7DK 220 REPEATER; Jim, K7YLM, said an error had been made at the April Board Meeting by giving the 220 repeater to Mac, W7MSR. The Board, by law, cannot give away a valuable asset of the club to any member of the radio club. Jerry, W7BUN, said nothing precludes us from loaning it to him in perpetuity. That had been the original intent.

Mike, WB7DFQ, moved that the Radio Club of Tacoma's 220 repeater be loaned to Mac, W7MSR, until his demise. Seconded by Jerry, W7BUN. MOTION PASSED.

RCT TRAINING CLASSES: Jim, K7YLM, asked Bill, W7GBC, to report how the club's training was going. Bill said we're winding up the year. We'll finish up with the testing on Saturday, June 17th. Then we will begin again in October, following the Fair.

MT. ST. HELEN'S: Brian, KA7KUZ, said there would be a meeting at the clubhouse on Saturday, May 6, at noon to finalize plans for the Mt. St. Helen's commemorative event.

REPEATER CHANGES: Mike, WB7DFQ, said the repeater autopatch password was changed last Sunday night. In addition, the controller firmware was upgraded. Some additional capabilities have been added. and he'll put an article in the Bark explaining them to the membership.

FIELD DAY: Alan, N7EAY, said plans for Field Day were going well, and members have been appointed to be in charge of antennas, public relations, generators, etc.

PROGRAMS: Alan, N7EAY, asked the board for suggestions on programs for the meetings. He's booked programs up through August, but could use some ideas after that time.

RCT PARKING LOT: There was a lengthy discussion regarding the problem of our neighbors using our parking area to the North of the clubhouse. **Alan, N7EAY, made a motion that the club purchase a long length of chain and steel pipe and a lock to secure the parking area. The motion died for lack of a second**. There was discussion on possible options. Alan, N7EAY, offered to research methods we might use to resolve this problem and report back to the Board at the June meeting.

ATTENDANCE: President Jim, K7YLM; Vice President Bill, W7GBC; Secretary Judy, AJ7R; Treasurer Jerry, W7BUN. Board Members: Shirley, N7QHW; Mac, W7MSR; Brian, KA7KUZ; Alan, N7EAY and Mike, WB7DFQ. Guests: Bud, N7FQR; Sally, KB7PKJ; Ralph, KA7FIG; Val, N7VGO; Sue, KC7AVS; Willie, KA7NXK; Mike, KB7VNT; Alan, KB7SVU; Tressie, KC7BAL; Christina, KC7KNN; Richard, KC7DPE; Ray, W7KFN; Al, KC7DDA; Rich, N7ANF; Dick, W7RGD; and Terry Cassem.

ADJOURNMENT: Meeting was adjourned at 8:57 PM

Respectfully submitted,
Judy, AJ7R, Secretary, RCT

RADIO CLUB OF TACOMA
MINUTES FOR REGULAR MEETING
MAY 10, 1995

The meeting of the Radio Club of Tacoma was called to order at 7:35 PM by President Jim Kirkreit, K7YLM, with 86 members and 6 visitors present. A quorum was present for conducting official business.

MEMBERSHIP: There are 452 members as of this date for 1995.

MINUTES: Previous minutes were available at the front of the room.

TREASURER'S REPORT

GENERAL FUND CHECKING	310.14
REPEATER FUND CHECKING	1,516.87
PACKET FUND CHECKING	377.94
FLEA MARKET CHECKING	1,297.35
MONEY MARKET SAVINGS	11,801.76
SCHOLARSHIP WORKING FUND	600.00
SCHOLARSHIP MEMORIAL FUND	2,599.98
CASH ON HAND	77.00
TOTAL ALL ACCOUNTS	$18,580.04

NEW LICENSE: Steve Sorensen passed his Tech Plus test.

NEW YOUTH GROUP: Jeff Holwege, AB7DN, passed around the sign-up sheet for young people who want to be part of the new youth group he and his wife, Roxann, AB7HO, are organizing.

CERTIFICATES: New member certificates were given to Ingrid Fields, KC6YCW; Shelley Burgess, KC7KAO; Danny Burgess, KC7KAN; Owen O'Neill, KC7KAV; and Steve Stolen, KC7KAZ; and were available for Christina Dougherty, KC7KNN; Richard Dougherty, KC7DPE; and Marc Malloque, KC7KAU.

A certificate was awarded to Don, AB7DS, from the ARRL for November 1994 Sweepstakes First Place Single Operator Phone

Certificates were awarded for antennas built for W7DK At The Beach to:

Val, N7VGO - World's greatest inverted vee

Alan, KB7SVU - Best 20 mtr. tower and beam installer

Lorna, KB7YTJ - Best RV mounted HF station on the beach

Worth, W7WG, and Mac, W6NBD - Best horizontal HF and pole antenna 18" off the ground

"Winky" Dan, N7QWH and "Stinky" Bob, KB7NBQ - Best of Show - Most unique 80 mtr. vertical to commemorate the 50th anniversary of the slinky.

Certificates were also available for RCT club members Link, N7CEO; Owen, KB7UXP; Bud, KC7AVT; Stephen, AB7HI; and Brian, KC7FAE; and Mike & Key club members Robert Storwick, AA7ZC and David Smith, KB7PSN.

HEALTH & WELFARE: Joyce Allen broke her foot but is getting along pretty well.

SILENT KEY: Carmeane Perry, wife of Don, K7QLC, became a silent key this past week.

TUNING & TRAFFIC: Bob, N7QOZ, contacted, and received a QSL card from, Bosnia.

PROGRAM: Alan, N7EAY, introduced members of MARS who presented the program: John Newsome, KB8MAU (AFA5JN), Asst. Installation Director for McChord Air Force Base; Wes Wilson, NNN0NAV7, Director for the Navy-Marine Corps MARS; Chuck Verdon, N5KAV (AAM0W), Deputy Director for Army MARS and Dan Borah, AFA5EJ Installation MARS Director. They explained they have started a groundbreaking process where Army, Air Force and Navy-Marine MARS are working together providing auxiliary or emergency communications on a local, national and international basis. They have assisted with phone patches during the wildfires in Eastern Washington last communications during earthquakes and hurricanes an phone patches for ships at sea. Any valid ham radio op over the age of 18 can be a MARS member. Als invitation was extended to Radio Club of Tacoma memb attend a big picnic at Ft. Lewis on Armed Forces Day MARS will operate 24 hrs., making crossband co military to amateur radio. They will furnish hamburger hotdogs, but ask us to bring a dish. If interested call Ch Ft. Lewis 967-3575 or 967-2502, or leave a message a 2011 so they can plan enough food.

FLEA MARKET: Alan, KB7SVU, said we have sig contract with Charles Wright Academy for use of the do the RCT Flea Market August 12. He also said there wo vendors there selling badges and coffee mugs with callsi

USS MISSOURI PROJECT: Alan, KB7SVU, announced the Support Manager for the project and will need l assistance. Those interested in helping should contact h

Lorna, KB7YTJ, club liaison for the project. said a who still wants to operate during the event should conta Tressie, KC7BAL, announced they will have T-shirts patches for the project. Brian, KA7KUZ, will be in cha training for operating SSB and Mike, KB7QOP, will charge of CW training. They will require that prosp operators participate in Field Day this year for traini advance for operating on the USS Missouri in Septembe

AROWS PRIZE DRAWING: Marilyn, KJ7BN, tol members that the monies that are donated for the AR drawings will go toward a scholarship. She read the number for the drawing at the last meeting - No. 17621 see if the winner of the Kenwood watch donated by K7YLM, might be present. As no one claimed the priz will publish the ticket number in the next issue of the *Lo Bark*.

Tressie, KC7BAL, AROWS president, said that coming Saturday, May 13, the ladies will meet a clubhouse at 11:00 AM with a sack lunch and go to a pa their meeting, and then on to a special surprise event.

SATURDAY BREAKFASTS AT MCCHORD AFB: K7YLM, reminded everyone that we meet for breakfast Saturday morning at 8:00 AM. He invited everyone to joi You will need proof of vehicle registration and insurance t on base.

RACES/ARES: Shirley, N7QHW, spoke on the earthc exercise. She said we are learning through this experi We had three net controls going from the RCT clubh using only emergency power. Brian, KA7KUZ, was in c of the HF station; Judy, AJ7R, manned the 2 meter F Sound Region station and Shirley took over the Pierce Net. They had lots of assistance from other members Shirley will have an article in the *Bark* giving all the de She announced help will be needed for the Sound to Na Run on June 10; The Tour de' Pierce in July, and possibl Hospice Walk in May. Anyone wanting to join ARES s contact Shirley.

LICKEM STICKEM BARK PARTY: The Bark Party for will be held at 10:00 AM at the clubhouse on Tuesday, 30.

W7DK AT HOLIDAY PARK: The Radio Club, in conjun with the Army, Air Force and Navy, is planning an antenna building event at Holiday Park at McChord AF Saturday, September 16.

MT. ST. HELEN'S COMMEMORATIVE EVENT: B KA7KUZ, announced we will meet at the clubhouse to equipment at 9:00 AM on Wednesday, May 17, and lea 10:00 AM to caravan down to the event site. We will operating at 8:32 AM (the time the mountain erupted hursday, May 18, using the callsign WA7ASH, and continue or 24 hours. ICOM America is loaning us two HF radios, a 37 and a 738. We will also be on packet, ATV and 2 meters. rian passed around a sign-up sheet.

OOKIES: Jim, K7YLM, thanked Jan, KB7UXO, and Marilyn, J7BN, for tonight's cookies.

ONLICENSED REPEATER USE: Jim, K7YLM, said that hen you hear the nonlicensed person on W7DK repeater, lease ignore him. Do not encourage this illegal use by alling him. Dan, N7QWH, said it has also been suggested hat, when we hear this happening, we document the time and ontent of the transmission and call or write our local gislators and ask that they have the FCC take some action.

IELD DAY: Alan, N7EAY, announced plans for Field Day ill get under way right after the Mt. St. Helen's event. ontact Bud, N7FQR or Alan, N7EAY, to sign up for working particular band. We will again have the use of the site we sed last year.

IOTHER'S DAY BREAKFAST: Rich, N7ANF, announced e breakfast will be held Sunday, May 14, at the clubhouse om 8:00 AM until 11:00 AM. There will be hotcakes, eggs, am, pancakes, coffee and juice.

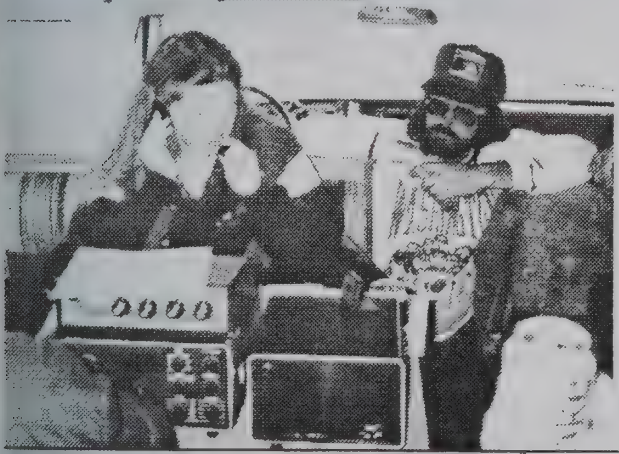
ANTIQUE RADIO STATION: Mac, W6NBD, said he and orth, W7WG, started the antique radio station at the ubhouse and have made several contacts, using a zepp ntenna.

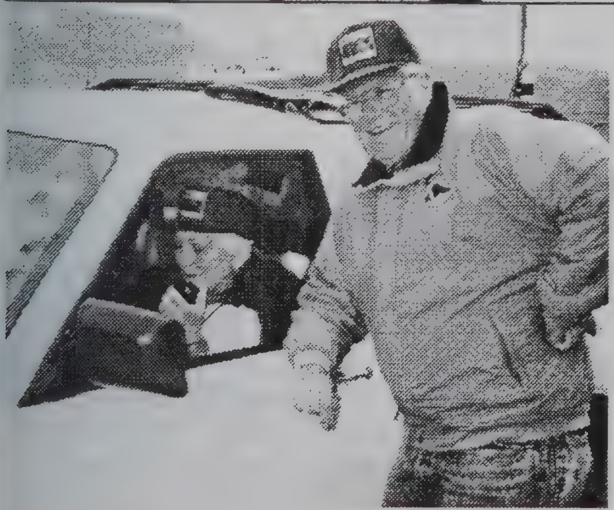
m, K7YLM, encouraged members to come to the clubhouse nd see the breadboard radio, vintage 1930's, that is being sed.

DJOURNMENT: The meeting was adjourned at 9:10 PM.

Respectfully submitted,
Judy Kirkreit, AJ7R, Sectetary

More WA7ASH action photos!





The Proud Men of the USS MISSOURI present *MISSOURI '95*

1945 - The Start of *Fifty Years of Friendship*
1995 - The Celebration of *Perpetual World Freedom*

The Battleship MISSOURI -- *"The End of It All"*

Lorna Nelson KB7YTJ

WW2END Special Event is rapidly approaching on September 1 & 2, 1995. Many plans are in the making and much more needs to be done. All those participating in the Event should be aware of the three-fold objective as set forth by the Missouri Commemorative Committee: (1) To honor the Veterans that served in World War II and their families; (2) To recognize and honor those that served on the Home Front, in hardship and sacrifice; (3) To acquaint 20th Century generations of the event and the worldwide impact of the signing of the WWII Treaty on the Battleship MISSOURI.

Given this mission statement local Amateur Radio Clubs of Puget Sound, headed by the North Kitsap Radio Club, will participate in a great capacity by working the Special Event Station, WW2END. Broadcasting from aboard the Battleship MISSOURI, all modes of operation will be on the air: HF Phone, HF CW, UHF & VHF Phone, Packet, Satellite, and even ATV.

A number of commercial Amateur Radio companies such as ICOM America, ALINCO Electronics, FORCE 12 Antenna, Cushcraft, Radio Depot and more are donating station equipment to be used during the event.

Plans to increase public awareness include packet NTS messages and other modes of Amateur radio communication operating near the dock area.

Students of local schools will have the opportunity to participate in an awareness project via an Essay Contest sponsored by the local Amateur Radio Clubs.

It is not too late to "jump on the Ship". If you have not yet signed up to participate, PLEASE contact Bill Brown, N7TEQ, or Lorna Nelson, KB7YTJ for more information.

Because of the magnitude of this project, as a means of organizing the Ship Roster of operators, ALL station operators will be required to check into an orientation "training". Participation at Field Day in June has been designated as the orientation check-off point. Other arrangements may be offered for those unable to work Field Day. The Training Managers of this project are Mike Treit, KB7QOP, and Brian Spindor, KA7KUZ. They may be contacted for more information regarding Field Day participation.

Each Tuesday night at 8:00PM, immediately following the Radio Club of Tacoma Net, the MISSOURI Net is held on the Mike and Key Repeater, 146.82MHz. The Repeater currently has a 103.5 tone access. Please check in and join the Net, ask questions, learn about the event details as they are announced.

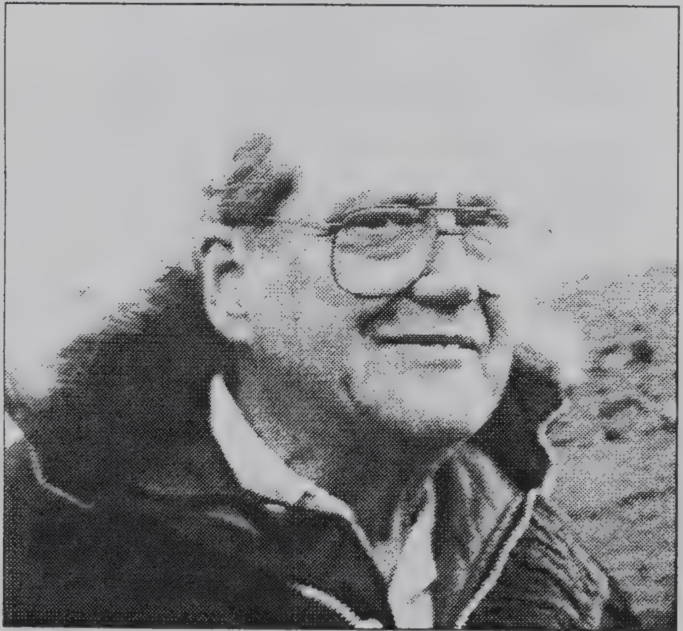
The next scheduled meeting for project team leaders is at 2:00PM on June 10th at the RCT Clubhouse. All interested or participating Amateurs are welcome to attend.

This Event is BIG! We have been given special privileges to actually work on board the Battleship MISSOURI. We have the opportunity to make this a great celebration. Let's put our great Puget Sound and the Pacific Northwest on the map!!

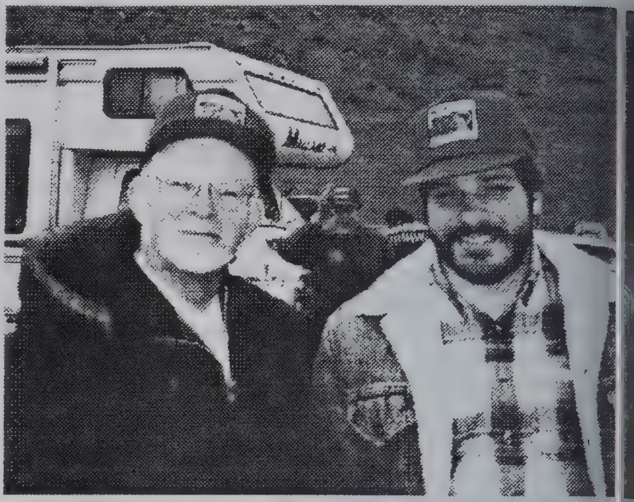
WA7ASH - "DK" at the Smokin' Mountain

At least someone knows why we are here...

Larry, Curly & Moe (?)

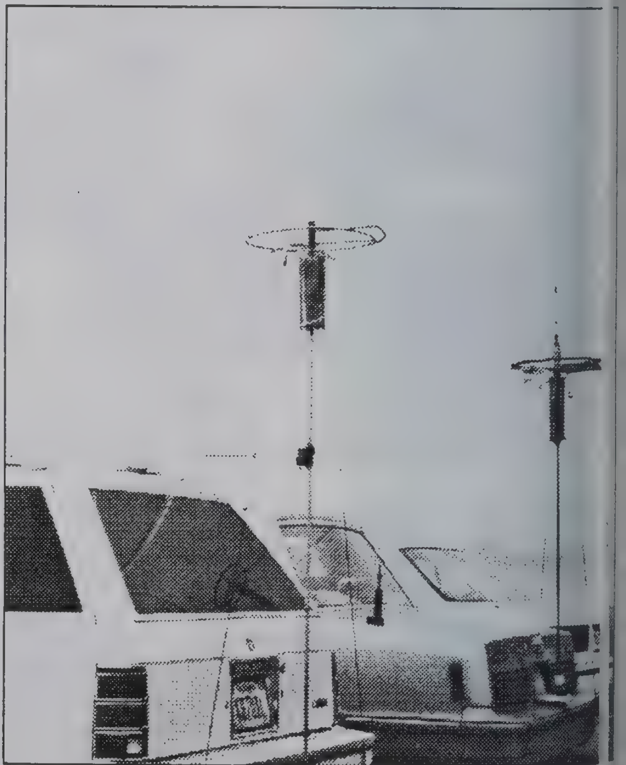


Fire up the linear there's snow on the roof!



No, just friends...

Ham Event = FOOD!



This would be more impressive if the operators weren't asleep...

June 1995
W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1 # ROY - WA7UZL	2 #'RANDY'-W7HTU	3 PINCCLE/ Potluck Clubhouse 7pm ARRL NW Division Convention - SEASIDE OR
4 ARRL NW Convention - SEASIDE OR. # DIANA-WA7BLF # JOE-KC7CBO	5 # LAURA-KC7CQU	6 147.28 NET 7:30 PM	7 Board Meeting Club House 7:30 pm.	8	9 #'AL'-KA7BIY #WERNER KC7IBP	10 *AROWS Meeting -Clubhouse- 12:30pm*
11	12 #'DAVE' N7WGM	13 147.28 NET 7:30 PM # ANGELA-KC7EQ # DAN KB7UXE # TODD- KC7ITR	14 W7DK MEETING Library 112 St.E.& WALLER RD. 7:30pm *Flag Day* #'TOM'- N7QEX	15	16	17 *License Exams all classes - Club House - 10am*
18 *Father's Day*	19 #BRIAN TERJESON #'LJ'- N7CJY	20 147.28 NET 7:30 PM LOGGER'S BARK *DEADLINE* MVWS VE TESTS # BEN -K6VBC	21 # ROGER -K7AYC # ROY -N7ARO #'DAVE'-N7PKG #'JAN'- KB7UXO Summer begins	22	23 # MARK -KC7AFO	24 ** FIELD DAY ** #SHIRLEY-N7QHW
25 ** FIELD DAY ** # GRACE -AD7S	26 LADY'S PINOCHLE-CLUBHOU-SE NOON # ROXANN-KJ7BQ	27 147.28 NET 7:30 PM #'LARRY'WA7QEW #'NORM'-KC7DCN	28 W7DK MEETING Library 112 St.E.& WALLER RD. 7:30pm	29 #'BOB'- N7LBO	30 #'DAVE'-KA7CMZ # CAL -W7SFT # BRIAN-KB7SPR	

Happy Birthday!

Coming Events

June 2-4 - ARRL NW Division Convention - Seaside Oregon

June 7 - Board of Directors Meeting - 7:30 PM - RCT Clubhouse - All Club Members Welcome

June 10 - AROWS Meeting - 12:30 PM RCT Clubhouse

June 14 - Club Meeting - Library Center - 112th and Waller RD 7:30 PM - *Program: Field Day*

June 17 - License Exams - all classes - 10 AM - RCT Clubhouse

June 18 - Father's Day - Breakfast from 8-11am - Fathers and children under 12 free, all others $3.50

June 24-25 - Field Day - Marymount Academy - two blocks east of Pacific Ave on Old Military Rd

June 28 - Club Meeting.-.Library Center 112th and Waller Rd 7:30 PM - *Program: Installing Antennas A*
Towers By Balloon, by Jim Brown, WB7DPM

July 21-23 - Northwest DX Convention - Renton

Aug 12 - RCT Flea Market '95 - Charles Wright Academy

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

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THE LOGGER'S BARK
RADIO CLUB
W7DK
OF TACOMA
SPECIAL SERVICE CLUB

OL. XXXII NR.7 W7DK JULY 1995

From The President

de Jim K7YLM

What a great year we have had so far! There have been activities of one kind or another almost every day. Our outdoor events have been super. They have really brought our club together and have given us some very valuable training on antenna construction and radio operation. The Radio Club of Tacoma has closer ties with other radio clubs and the ham radio community than ever before. n very proud of all of you for your support in making our ub one of the biggest and best clubs anywhere.

Our bulletin board is working well and will soon have me very fine, special features. Our repeaters are working ell and it is hoped that we will soon increase our area of verage. It looks like our flea market will again be a ccess; W7DK at the Air Base should prove to be a very ecial event, with one of the largest antennas anywhere for r use; and the Missouri Project really looks like a world ass event.

A while back I made a promise that when new systems ere to be changed, I would get an input from the embership. As a result of the interest in packet, a steering mmittee is putting a questionnaire together which will get ur views and direction for digital communications for the ort and long term for our club. A few of the subjects will ncern the type of computer systems we should use, remote gital repeaters (digipeters), possible modem access to the BS, a possible phone BBS to provide club info and ham lated programs and the possible procurement and use of a tellite station. In addition, you will be asked for your input the direction we will take on HF digital. The field of ham dio is changing at an unbelievable rate. It is my goal to ve our club on the leading edge of all new developments. ur guidance will provide this direction.

It has been an honor to be associated with such a great ub and a great group of people. I stated at our first meeting June that I was experiencing some health problems. I am rrently being given a series of tests to determine possible urses of treatment.

For the remainder of my term in office my personal tivities may be somewhat limited; however, I will do my best plan and coordinate club activities to the best of my ability.

Mount St. Helens - May 18, 1995

Jim Quiring

Manager, Coldwater Ridge

At Mount St. Helens, May 18, 1995 was a special mark in time. On that day we remembered the eruption of Mount St. Helens that changed the landscape and the lives of many people 15 years ago. Thinking back to the events of that day in 1980, some people reflected with sadness as they recalled the loss of loved ones, property, or favorite forest hideaways. Others simply thought back remembering the power of the volcano that changed the land in a bold expression of nature's power. For all there seemed time for silence and reflection.

Among all the May 18 activities, one event of special note was the broadcast of radio messages from Mount St. Helens by the **Radio Club of Tacoma**. Through a **Special Use Permit** from the U.S. Forest Service, the Radio Club made contact with hundreds of amateur radio operators from across the U.S. and around the world. Through their work, devoted radio enthusiasts had the opportunity to make radio link with Mount St. Helens on this 15th anniversary of the historic eruption.

Media interest in the 15 year remembrance of the eruption was high through April and into May as TV, radio, and newspaper reporters gathered to tell the mountain's stories. Visitors arrived at Mount St. Helens in larger than usual numbers, responding to the media reports and their own curiosity. Local communities sponsored activities commemorating the effects of the eruption in the "living laboratory" of Mount St. Helens.

Whether people travel to Mount St. Helens, read about in the news, or connect with it in some special way, I'm pleased that different people can learn about the volcano in ways that are exciting and meaningful for them. I believe that as we observe the eruption of Mount St. Helens and the return of life to the landscape around it, we can be energized and renewed. Mount St. Helens really is a special place!!!

To the Radio Club of Tacoma: Many thanks for your top rate work on May 18 setting up, broadcasting, and cleaning up afterwards. I hope the Club's experience at Mount St. Helens was meaningful and valuable in some special way.

RADIO CLUB of TACOMA
1995

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V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
SECRETARY	JUDY KIRKREIT	AJ7R	927-7825
TREASURER	JERRY SELIGMAN	W7BUN	845-7652
BOARD (4)	SHIRLEY MURPHY	N7QHW	265-3661
	JOHN McALLISTER	W7MSR	952-7388
	ALAN ALLEN	N7EAY	475-7413
	BRIAN SPINDOR	KA7KUZ	756-5030
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PUBLISHER	W7DK PRESS	N7QHW	265-3661

****

CLUB MEETINGS: 7:30 pm

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206 / 759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Mail all articles to Ralph Fuller, KA7FIG, 8208 Southway SW, Tacoma WA 98498. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO *THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/ Radio Club of Tacoma

147.88 / .28 MHz	144.97 - Packet
147.98 / .38 MHz (pl 103.5)	441.00 - Packet

New Members:

Jeffrey Dreyer, KC7JIQ RCT #18
1619 119th St So
Tacoma WA 98444 539-133

Al Williams, K7PUC RCT #18
12118 NE 141st Place
Kirkland WA 98034 821-358

Stephen Becker, KC7EUB RCT #18
4016 E. "C" St
Tacoma WA 98404 471-960

Leon Peters, KB7CAX RCT #18
44608 228th Ave SE
Enumclaw WA 98022 825-337

Steve Sorensen, KC7KWP RCT #18
10209 108th St. SW
Tacoma WA 98498 588-560

Dale R Carlson, Call Pending RCT #18
118 6th Ave NW
Puyallup WA 98371 848-131

Address and Phone Changes:

Charlie Fair, KB7UDG
125 SW Campus Dr Apt 7-204
Federal Way WA 98023 838-902

H.R.Gardner, KC7IBW
4917 N Vista Dr - Inlet Island
Bonney Lake WA 98390 891-113

Corrected Call
Richard Dougherty Call Sign is KC7DPE

Reinstatement:

Roy Kilgore, N7BXI
Barney Miller, N7TFB
Chuck Nee, W7PWN
Phyllis Nee, N/C
Paul Robertson, N7WGU
Reavis (Scott) Ford, N7BUN
Mike Mclean, N7QNR
Archie Van Valkenburg, KC7ETO
Carolyn Van Valkenburg, KC7ETN
Jack Hills, K7SRU
Jack Shepherd, K7VOV
Del Chase KB7PKI
Ralph Holzborn, WM7P
Carl David, KB7WRC
Bill Woody, K4QXP
James Mccoy, N7RUL
Robert Dick, N7TES
Stephen Lee, AB7HI

Silent Keys:

Wil Steklenburg, N7AZN
Ray Etherington, W7FNC

Radio Club Of Tacoma - VE Testing

The Radio Club of Tacoma, W7DK, will be offerin **all license class** examination session on **Satur** **August 12** at **10 am** during the **RCT Fleamarket** b held at **Charles Wright Academy** located at **Chambers Creek Rd W** in Tacoma. Pre-registra not required. Be sure to bring original and a cop license and any CSCE plus a piece of identification.

For further information call:
Jerry Seligman, W7BUN at 845-7652
Walk-Ins Are Always Welcome

The Editor's Log Pile

de Ralph, KA7FIG

The clock keeps ticking, can the Field Day have just passed us by? The Monument DXpedition on May 18th still has some left over business. Operating over a very short and cold Wednesday, to a long Thursday generated more than 600 contacts. Between creating a personalized QSL card and developing a permanent visual display for the Coldwater Visitor enter our artistic members will have a busy month.

Those of you who missed the Club meeting program of rian's, KA7KUZ, slide show and Don's, AB7DS, video of the Xpedition need to ask for a rerun, as it was a great show. or photography and video taking the weather was really niserable. The cloud cover was on the deck until about noon n Thursday. We borrowed two large orange pylon markers om the Center to mark the entrance to the Castle Lake verlook entrance, nobody found the site the first time.

The happiest ham of the whole excursion was WA7ASH, ud Jones, who made a connection with WA7ASH on eighty neters. We had a number of alternative plans to make sure ud could make a contact with his call and it was really xiting for both Bud and Dorothy to make a connection on his adio in Independence, Oregon.

For the Radio Club of Tacoma, the Coldwater Visitor enter and the Monument Administration in Amboy, WA. this as a great program. In this Monument this kind of attraction ad never been done before. For that special day, our station as a the very positive learning Center locations which is one e Monument's major objectives. Every visitor that stopped see the big antennas were given a cordial welcome and all their questions answered.

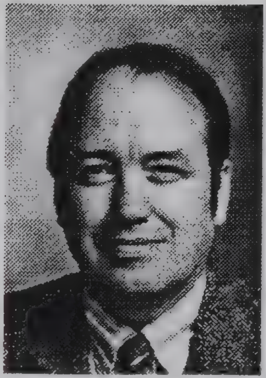
One of the major things we learned on the mountain was at we as a Club need to have more training sessions on very mode of HF and VHF/ UHF. If you are an old timer ith tubes in your pockets you need to up grade your skills on e new solid state operations.

Every Technician needs to get their feet wet really fast. e have many control operators to get you on the air. The nly mistake you can ever make is not coming forward to very W7DK operation from the Flea Market to the next ntenna Party somewhere.

On Saturdays there ought to be a line beginning at the ation door going down the stairs through the Clubhouse and t to the street. You don't have to upgrade your license to grade your skills.

FAIL? There is no room in the **Radio Club of Tacoma r the term Failure**. If this word is in your vocabulary, **Kill** . This lousy word has brought down more beginners; driven way more prospective hams into the sewer of oblivion than u will ever know. It is really difficult to try to upgrade your kills when some ego-maniac know-it-all is putting you down. his is a volunteer club and **nobody** has the right to criticize nybody. Instead, maybe that person can show you how to arn to use a better mousetrap.

You may have noticed in the last several issues of the *ark* there have been a number of articles by Lorna, KB7YTJ, n the Mighty Mo. Although we will be cooperating with North itsap, Boeing Bears and the Mike and Key Clubs, a lot anning has been generated to make the fiftieth anniversary .W.II by supporting the Special Event Station WW2END ver the Labor Day weekend. This is a very big program and our help will be greatly appreciated. **Timber**



Repeaters by Mike

de Mike, WB7DFQ

The results are in! The repeater questionnaires which were sent out a few months ago have been received and tabulated. Although the response was not 100% of the club, enough members took the time to fill out the form and send it in that we have a representative sample. **The envelope please!**

A lot of you use repeaters and the majority use them more than once per month with several using them nearly every day. Two meters is the most popular band with 440 MHz a close second. There is a lot of VHF/UHF gear out there with the average respondent having 1.9 radios, many of which are also dual band. I have no idea what that nine tenths of a radio looks like but if you have one, bring it to a meeting sometime and show it off. Your favorite repeaters range all of the way from Baw Faw to the Bears and Bremerton to Grass Mountain with a lot of others in between but most of you also seem to use the club repeaters on a fairly frequent basis. One thing is clear though, we are quite a diverse bunch of hams.

It was the response of everyone that the Club should stay in the repeater business and 95% said that we should solve the problems with 38 and continue to operate both existing two meter repeaters, one as a local repeater and the other as a wide area repeater. Two thirds of you stated that we should discontinue operation of the 220 MHz repeater and it was the opinion of approximately 70% that we should establish a 440 MHz repeater. There were many additional comments about things such as linking, emergency power, and funding which will be considered as we move forward with our planning activities. So what now?

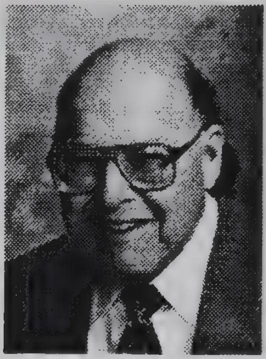
At the present time there are several activities which are being undertaken. We are actively seeking a new site for the 147.38 machine which will continue to give us the wide area coverage we now enjoy from Sparpole Hill. Within the next month we will conduct coverage testing for several possible sites. We can use some help on this testing and will need a lot of assistance when we locate a suitable site and actually conduct the move.

We have applied for and received, from the WWARA, permission to test coverage and compatibility of a 440 MHz machine at the Sparpole Hill site. **Rob, K7TGU** has graciously offered us the use of his equipment to conduct these tests. Again we can use your help here.

In addition we have been investigating what is required to complete the remote receiver project for the 147.28 machine and establishing what will be needed in order to provide an emergency power capability on all of our repeaters. Does anyone have a good, reliable, and proven battery charger design for this type of application? Let us know.

As the members of the club you have spoken and we are listening. That is the easy part! Now we need to execute and in order to do that we will need a lot of effort from a lot of you. If you can contribute in any way to our ongoing task, let me know, there is a place for you on the committee. **73**

When all commercial systems fail during an emergency, ham radio is always alive and well. The Radio Club of Tacoma is dedicated to having its communication systems operating at state of the art levels at all times.



News from ARRL

de Jerry, W7BUN

The FCC has released a Notice of Proposed Rule Making, FCC WT Docket 95-57, to amend the Amateur rules in various ways. (1) One of the volunteer examiners at an exam session will be designated "session manager" and will be responsible for publicizing the session and for proper completion of all the paperwork. (2) Credit will be given for exam elements passed for former licensees who have let their license lapse. (3) The minimum number of members will increase from two to four for a club to be eligible to receive a club station license. (4) 1X1 call signs will be made available for special events operations. No fee will be charged for this service and the license will be limited to 15 days, with 120-day advance notice required. (5) Indicators used with portable station identification, such as /KP4, may be used before, after, or both before and after the assigned call. Comments on these proposals are due July 14th.

The FCC has renamed several of its divisions to eliminate the word "radio" and substitute the word "wireless." Hence we are now regulated by the Private Wireless Division.

Effective July 1, 1995, a new Advanced class question pool takes effect, and VE exams beginning on that date will use questions from the new pool.

NASA has postponed Space Shuttle Mission STS-70, which was scheduled to carry the Shuttle Amateur Radio Experiment (SAREX) the first week of June, after woodpeckers damaged the shuttle Discovery. The mission may be re-scheduled for sometime in August. Shuttle Mission STS-71, which also will include SAREX, is still scheduled for late June, and will include a docking with the Russian Mir space station.

Some of the phone numbers at ARRL Headquarters have been changed. The main number is now 203-594-0200, and the facsimile number is 203-594-0259.

If you know someone who is anxiously awaiting a brand new (first) call sign, and hasn't been able to get through on FCC's very busy phone lines to find out their call, have them call the ARRL at 1-800-326-3942 between 8 AM and 4 PM Eastern Time. The FCC is updating their data base daily and the ARRL has the latest information.

In mid-May, Dr. Carlos Saul Menem, LU1SM, was re-elected to a second term as president of Argentina.

The syndicated AM radio show, "The Ham Radio and More," now in its fifth year, has gone "worldwide" via short-wave broadcast station WWCR. The show is aired twice per week, Mondays at 0700 UTC on 7435 KHz, and Saturdays at 2100 UTC on 12,160 KHz. It is also available on satellite Spacenet 3, transponder 9, 6.8 audio and on the World Wide Web at: http://www.acs.oakland.edu/barc/ham-more.html.

VE Testing

The Maple Valley Wireless Society will conduct an all License examination the Third Tuesday of each month, and shall begin 7pm, promptly at the Auburn Fire Station located at 1101 "D" Street NE, Auburn WA. Be sure to bring original & a copy of your license and any CSCE plus a piece of identification. For more information on how you might participate, call **Bill, W7GBC**, 584-1086, or **Ralph, KA7FIG**, 582-5841.

Walk-ins are always welcome.

The Right Attitude

de Mike, KC7C

When, at the age of sixte
decided to enter into the worl
amateur radio I was quite ign
of the existence and popularity
no-code license. My Dad, who
been interested in ham radi
years but had never bec
licensed, was my principle sour
information. He explained that I would need to learn CW.
I did. It was, really, that simple. Learning Morse code is
some, very difficult. For others it is very easy. Anyone
however, learn Morse code. It all boils down to the
essential quality vital to mastering any skill. That quali
attitude.

Without the proper attitude, the learning pro
becomes irrelevant. Any teacher would, I think, testify to
fact. The idea that, in order to become licensed, I would
to learn CW was all that was needed to instill in me
attitude that would lend itself to that goal. You see, I wa
to become an amateur radio operator. In fact, I wante
rather badly. Because of my relative ignorance, I did
waste much time pondering the relevance of Morse cod
my ability to enjoy amateur radio. Just as I did not ponde
relevance of knowing Ohms Law in relation to the hobb
well. It was simply something that I thought I had to
Three years later I know better. I could have gone for a
code technician license and been having a wonderful tim
would never have known, however, what I was missing.
to my enthusiasm about become a licensed ham, I gene
viewed the entire process as being fun. After all, that is
this hobby is all about. So I had fun learning the code,
the theory, and I was off and running.

The point is this: because I had the proper attitude, I
able to learn CW. I don't think I was much different at
from the many individuals who say, today, "What is the
of learning something as outdated as Morse code?" I ha
privilege, however, of getting beyond that stage and se
past the stereotypical images that flashed inside my min
happen to be of the opinion that I have absolutely no na
ability when it comes to learning code. Though i
something of a passion now, and I love it immensely, wh
started out I learned at a painfully slow rate. Six week
daily sessions, usually of about an hour apiece, a
BARELY managed to pass the 5 WPM test. Not much
"natural", especially considering the fact that I once taught
brother almost the entire code in one sitting. THAT is na
ability. The reason I bring this up is to confront those
claim "I can't do it." The truth is, if I of all people could l
CW, than you can as well. It is all a matter of attitude.

Once I started learning the code I ended up maki
pleasant discovery. I learned that, if you let it, CW ca
immensely enjoyable. I do not have any problem with th
who claim "I despise Morse code!" It is, certainly, not
everyone. But to see people make such claims without
having used CW, it is harder to avoid thinking that s
statements are not made honestly. Again, it is all a matt
attitude. If you, as a ham radio operator, really and truly
to improve your CW ability, you can. It won't necessarily
piece of cake, but the rewards are well worth the effort.
invite you, indeed I urge you, to take another look at what
interests are and where you are going in amateur ra
Perhaps it is time to dust off that old CW key and see, ma
just for once, what 80 meters is up to tonight. Just have
and keep a positive attitude; that's all it takes. I'll keep an
out for you.

RACES/ARES

de Shirley N7QHW

It's been a very busy spring for we communicators with Earthquake Exercises, parades, runs, walks and the Sound to Narrows in June. But it isn't over yet so keep volunteering. July brings the annual 4th of July celebration in Orting that Judy, N7NII, is still looking for volunteers and the big Tour de Pierce bike-a-thon is occurring the second veekend of July. So if you can help, **call Judy, N7NII, at 347-5198**.

There have also been several searches and one in the SW part of the state that Pierce County volunteers participated in. Most of them with positive and good endings.

One change that has taken place is how the Pierce County Emergency Communication Services Net is conducted. The net continues to be on each Tuesday at 7:00 PM on the 145.37 and 442.45 repeaters with Eva, WB7QNS, as net control. Thanks Eva for all your loyalty and being there over the years. She flows with the changes and doesn't let hem ruffle her feathers. Anyway, **the change in the net is hat the first Tuesday of each month and only the first Tuesday** is conducted in the following way.

The net is started on the regular frequencies with reports rom the leaders as usual. Following this, everyone is nstructed to switch to their **Zone simplex frequency** to heck in for the net. The number of check ins for each zone vill then be reported to Eva on the following net. The purpose f this is to increase each persons awareness of the simplex equency for their zone, practice simplex communications nd also practice relay of information. The zones and their implex frequencies are as follows:

Zone 1 146.550
Zone 2 146.460
Zone 3 145.530
Zone 4 145.530
Zone 5 146.430
Zone 6 146.580

In the event of an emergency situation, it would be each erson's responsibility to come up on their zone simplex equency and check in or be net control if you are the first ne on the air. From this simplex net, information would be ansmitted to the EOC and assignments made where mateurs would be needed.

ARES is raffling a "72 hour Backpack" donated by Tom tanley, KB7VOO, for raising funds. This pack contains nany emergency items plus food and water for use during a najor event. The tickets are $.50 each or 3 for a $1.00. help s out and take a chance on winning this great pack. The rawing will be at the ARES meeting on the third Wednesday August.

-73-

Tip Of The Month

Support programs in the community for earthquake reparedness and public safety education, such as through he PTA, service clubs or other civic organizations.

Support land use practices which discourage evelopment in areas near faults and prone to landslides or oil failure.

Support building codes and practices with up to date eismic provisions, plus strict inspection and enforcement.

Finally- prepare at home and at workplace. Make an arthquake emergency the subject of a family or work iscussion. Share your plans and emergency information with iends and relatives. Earthquake preparedness and what you o before, during and immediately after the tremor may make life and death difference. **-73-** Shirley, N7QHW

Daisies Anyone ??

de Shirley, N7QHW

It sometimes seems that we all live on a merry go round that never stops. We try to be everything to everyone and encompass the world. This poem was shared with me a few years back and since it is such a busy time of the year for Amateur Radio and as always, there are so few who do the work and receive even less credit, here's permission to go for the daisies.

This was written by a young gentleman of 85 years whose name is Ray Lucht.

I'd Pick More Daisies

If I had my life to live over,
I'd try to make more mistakes next time.
I would relax. I would limber up.
I would be sillier than I have been on this trip.
I know of very few things I would take seriously.
I would be crazier. I would be less hygienic.
I would take more chances. I would take more trips.
I would climb more mountains, swim more rivers, and watch more sunsets.
I would burn more gasoline.
I would eat more ice cream and less beans.
I would have more actual troubles and fewer imaginary ones.
You see, I am one of those people who lives prophylactically and sensibly and sanely, hour after hour, day by day.
Oh, I have had my moments.
And, if I had it to do over again, I'd have more of them.
In fact, I'd try to have nothing else. Just moments, one after another.
Instead of living so many years ahead of each day.
I have been one of those people who never go anywhere without a thermometer, a hot water bottle, a gargle, a raincoat, and a parachute.
If I had it to do over again, I would go places and do things.
And travel lighter than I have.
If I had my life to live over, I would start barefooted earlier in the spring.
And stay that way later in the fall.
I would play hooky more.
I wouldn't make such good grades except by accident.
I would ride merry-go-rounds.
I'd pick more daisies.

Club Badges

We currently have a number of club badges that have not been picked up by club members. These badges are displayed on the front table at every club meeting. Please pick up your badge or contact Judy, AJ7R, 927-7825 to make arrangements.

James N7WGH
Jack N7WOI
Shelley KC7KAO
Danny KC7KAN
Christina KC7KNN
Al N7ZNL
Arnold KC7JPP
Betty KB7OXG
Bill W7IJ
Steve KB7LOB
Jeff KF7FR
Claud W7HKB
Frank KB7RYS
Roger KB7UGA
Tess KB7LOA
Ken KB7SOU

Check into the W7DK packet bulletin board. The frequency is 144.97. Just type C space W7DK. To look at the entire list of subjects type LC space ? Questions? call Mark / 874-2714 or Jim / 927-7825.

W7DK HF Station

de Brian, KA7KUZ

In the last few months I had members approach me about setting up frequencies on the HF bands for RCT members to make Loggers contacts. There are a few members who don't use the vhf/uhf system and would like the same opportunity to make Loggers contacts. The problem is there are no specific spots (i.e. repeaters) to meet. What I would like to do is propose a group of HF frequencies that RCT members and other amateurs may tune to make HF contacts. The frequencies (in MHz) are as follows:

CW	Phone
28.290	28.390
21.190	21.325
14.055	14.250
7.140	7.250
3.715	3.875

The CW frequencies are in the Novice bands to provide the best opportunity for all members. The 20 meter frequency (14.055 MHz) is my best guess at a frequency on this band. If this is going to cause some interference I would appreciate some feedback from the membership. The phone frequencies are 25 KHz above the bottom of the general band which is about where most special event stations locate. I would suggest that if the frequency is busy to QSY up to a clear frequency to make your call. The exception is the 10 meter frequency (28.390 MHz) which is in the novice phone band. The contacts should be worked between 4:00 p.m. on Friday until Midnight on Sunday night (usual contest hours). This will give the greatest chances of monitoring for and making contacts. Make your call as follows: **CQ CQ CQ CQ de (or this is) KA7KUZ/RCT**. With this program we might be able to hand out more Loggers certificates to amateurs who are not members and get the word out about the Radio Club of Tacoma.

I have also heard members express interest in having HF CW Loggers Certificates and HF Phone Loggers Certificates. **Is there interest in handing out separate certificates and having set HF frequencies for loggers contacts?** I need feedback from the membership regarding this proposal. Please feel free to use my phone number on the second page if you can't see me in person.

After our success on Mt. St. Helen's I've given some thought to the concept of having one or two special event stations or mini DXpeditions per year. The turn out and participation at the mountain was phenomenal and indicates to me that members would like to do more of these type of events. What I would like everyone to do is to think about special anniversaries or events that the club can travel to and set up an operation. The only criteria is that the operating point should be far enough away that it is enough of an adventure to put the station on the air. An example would be to travel to Mt. Rainier or to Port Townsend for an overnight adventure and is still accessible to all members with a 2-3 hour drive. Although Tacoma may have many special anniversaries or events, it is so close that it lacks some of that special adventure. Likewise getting to Phoenix, Arizona for an adventure is a little bit too far to go. One thing that has come to my mind has been to operate the Washington State QSO Party contest from Wakiakum County. Wakiakum County is a small county at the mouth of the Columbia River with little or no amateurs. W7DK could be in real demand in the contest and could quite possibly work some of the county hu nets. There are many other possibilities out there so let some thought into where we will do our next special station for W7DK.

One last thing that I want to bring up is that I, like r of you, received my catalog from Surplus Sales of Nebr in the mail last week. Many of these surplus stores can great place to get special or rare parts. However, for sor the postings I've seen on the internet I would recomr buyer beware. Purchase your parts using a credit card sc payment may be stopped if necessary. When you get parts be sure to inspect for damage at the time you a delivery. I've seen several postings by individuals who complained of problems. Try to use some care, most su equipment is way over priced and if the seller is not willi negotiate on the price he probably wants to much for it.

By the time you read this article Field Day will be but for now I am still busily working on the myriad of things that still need to be dealt with to make the eve success. I hope each of you got a chance to operate a you didn't show up I'm sure you missed a great event.

AROWS

de Tressie, KC7

Meeting was held July 10, 19 12.30 pm at the RCT clubh Final plans for the Father's Breakfast, Field Day and the Flea Market were discussed..

AROWS will be giving two scholarships at the July 26, meeting of the Radio Clul Tacoma. To qualify, a reci must either be a current memb Radio Club of Tacoma, or a child or grandchild of a cu member, who is continuing his/her education at a Unive College, Jr. College, Trade School or Voc-Tech School.

Please send an application containing the name, callsign and relationship to a Radio Club of Tacoma mer school to be attended and years of school completed. to: **AROWS**

Amateur Radio Operator Women's Support
P. O. Box 11188
Tacoma, WA 98411-0188

Applications must be received by July 20, 1995. Th winners will be selected by a drawing.

The next AROWS meeting will be July 19th at the clubhouse at 7:00 pm. All ladies (young and old) welcome, licensed or not **-73-**

Wanted

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On June 24 and 25 W7DK had a really su Field Day event. Look for some nice sto and some super photos in the next *Bark*.

RADIO CLUB OF TACOMA, W7DK

Tacoma Electronics Fleamarket

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vernight RVs: $2 (Self Contained - Friday Night Only)

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Bring original plus photocopy of license and a check for $5.90 made out to "ARRL/VEC"

For More Info call Alan Hughes at:
206-840-4947 or 206-596-7472 (pager)

☺ Talk - In on 147.28+ ☺

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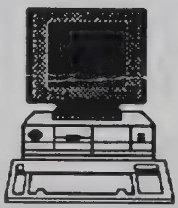

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WW2END
1945
1995

Celebrating 50 Years of Peace on the Battleship Missouri September 1-2, 1995

Lorna Nelson KB7YTJ

The North Kitsap Amateur Radio Club (Kitsap County, WA.) announced today that it has obtained Navy approval to rate an Amateur Radio station on board the USS MISSOURI, berthed at the Puget Sound Naval Shipyard in Bremerton, WA. The station will operate for four days, over the 1st and 2nd of September, the commemorative weekend, celebrating the 50th anniversary of the signing of the documents ending World War II. And on the 23rd and 24th of September at the club's annual Ham Fest and Electronics Show.

"Amateur Radio personnel played vital role in military electronics during World War II," said Tom anders (W6QJI), Club president and MISSOURI Project Manager, and we are proud to commemorate the WW II Veterans, their amilies and the sacrifices they made, along with the ccomplishments of those who served at home. It's a time to emember the lessons of WW II and to commemorate the enduring eace which exists between the peoples of the United States and apan".

The stations will make two-way radio contact, exchanging a ommemorative message, with as many other amateur radio stations round the world as possible. Special emphasis will be placed on ontacts with Veterans Organizations, schools having amateur radio tations and with stations in Japan. A special commemorative card, onfirming contact with the USS MISSOURI, will be sent to equesting stations.

The North Kitsap Club acting as the host club, along with The adio Club of Tacoma and The Mike & Key Club and clubs of the itsap Peninsula, will be inviting station operators from the other mateur radio organizations in the Northwest.

Five separate transmitters will be used, including a transmitter r use with amateur radio satellites now in orbit and with the Russian pace Station, MIR. The very latest in voice and digital ommunications techniques will be used, and the stations will be quipped with the very latest communications products from the orld's leading manufacturers of communications equipment. The tations will be open to the public during part of the weekend.

The club is closely coordinating it's activities with the USS ISSOURI Commemorative Committee in Bremerton and will supply upporting communications for the committee over the ommemorative weekend.

The public will have a chance to see this world class amateur adio station in operation again when the MISSOURI station is eassembled at the Kitsap Pavilion as part of the North Kitsap Club's nnual Ham Fest and Electronics Show on September 23rd and 4th. A limited number of visitors at the show will have an pportunity to operate the station. Information regarding operations n board the MISSOURI, or at the show, may be obtained by calling e MISSOURI Project at: (360) 876-1399 or by e-Mail at WW2END

Amateur Radio Exams in the Puget Sound Area as of June 26, 1995

1st Tuesday - 7 PM - Puyallup South Hill Library, 15420 Meridian East, Puyallup - Contact Mike Horbul, KI7YB, 845-2545, Puyallup - **[Note: No Exam In July!]**

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, Kirkland - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 10 AM - North Seattle Comm. College, Rm 3343, 9600 College Way N. - Contact Mike Mitchell, W7WHT, 282-1438, Seattle

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, Kent - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

2nd Tuesday - 6:30 PM - Everett - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd Tuesday - 6:30 PM - Burley - Burley Bible Church - Contact David Brooks, N7HTK, 876-1399 (between 9 AM and 3 PM), Belfair

2nd & 4th Thursdays - 7:00 PM - Ft. Lewis Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - Tukwila - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - Auburn - Fire Station, 1101 D St NE -Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - Ferndale - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - Renton - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - Sultan - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - Montesano High School - Pearsall Center, 2109 Sumner Ave - next session - May 20 - Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - Stanwood - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - Everett - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - Marysville - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

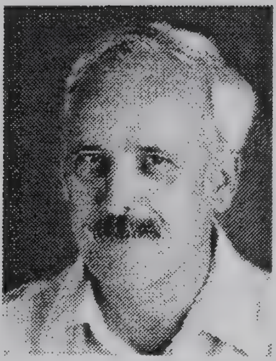
4th Saturday - 9:30 AM - Bremerton - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - Olympia - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

August 12 - Saturday - 10 am - Radio Club of Tacoma Flea Market, Charles Wright Academy, 7723 Chambers Creek Rd W, Tacoma WA - Contact Jerry Seligman, W7BUN, 845-7652, Puyallup

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

3rd Thursday - 7 pm - Packet meeting at the clubhouse.



A Contest For Everyone

de David WB7AUJ

By the time you are reading this, Field Day will be over for another year. Hope you took part and had a good time.

July brings the CQ World-Wide VHF Contest. This is a contest that every member of the club can participate in.

The objective of this contest are for amateurs around the world to contact as many other amateurs as possible in the allotted 27-hour period, to promote VHF and above activity, to allow VHF and above operators the opportunity to experience the enhanced propagation available at this time of year and for interested amateurs to collect VHF and above Maidenhead grid locators for awards credit.

The contest starts at 1800 UTC (11am PDT) Saturday July 8th and runs through 2100 UTC (2pm PDT) Sunday July 9th. You may operate any portion of the contest period you wish.

You may use an amateur band above 50 MHz, as authorized by local law and license class.

There are eight different classes of competition:

- Single Operator Home Station
- Single Operator Portable
- Multi-Op Home Station Class I
- Multi-Op Home Station Class II
- Multi-Op Portable Class I
- Multi-Op Portable Class II
- Rover
- QRP

Single operator is pretty much self-explanatory. You do everything yourself, either at home or from a nice mountain top location.

Multi-Op is where two or more people get together and operate two or more transmitters at the same time like Field Day. Class I stations are those that operates 5 or more transmitters simultaneously, one each on each of 5 different bands above 50 MHZ. A Class II station is one that operates 4 or less at one time, again one each on different bands above 50 MHz.

The rover category is one that is manned by one or two operators and travels to more than one grid locator during the course of the contest. They must carry all their equipment with them and may operate mobile as well as while stopped at strategic locations. These stations must sign "rover" on voice and "/R" on when using CW. The spirit of this class is to encourage operation form rare grid squares not to encourage one operator to move from one super station to another in different grids in order to compete in this category. Changes in grid locator locations must be clearly indicated in the rover's log. (NOTE: This is the class I would like to try. I think it would be great fun.)

The last category is QRP. I'm sure to the disgust of true QRP'ers, CQ's definition of QRP at 25 watts output is an insult. For QRP there are no sub-classes. You may operate from home or a your favorite mountain top. Just don't use more than 25 watts on any band.

The exchange (that is the information passed between two stations to make a valid contact) is your callsign and Maidenhead grid square locator. The grid square locator is 4 characters, 2 letters and 2 numbers. For the Tacoma area, the qrid locator is 'CN87'. Signal reports are optional and need not be included in the log. Most people do not send them. You must use UTC for logging time of contacts. (For us on PDT, we add 7 hours to our local time to get UTC. Remember the starting time of 11am + 7 hours = 1800 UTC.)

Contest entrants may NOT transmit on 146.52 (2 meter FM simplex calling frequency) or use repeaters for making contacts or requesting contacts. This last part means once the contest has started, you can't get on our 147.28 repeater to make contest contacts or to ask people to meet you on a simplex frequency. Contacts on the recognized SSB calling frequencies of 50.110, 50.125, and 144.200 are not prohibited but our discouraged. Although last year when I worked the ARRL version of this cont
was the locally accepted practice to use these frequencies. Cor
in the 6 meter DX window (50.100-50.125) are also discouraged

Basic scoring is one point per contact on 50 and 144 MHz
points per contact on 222 and 432 MHz, four points per conta
900 and 1296 MHZ and last but not least six points per conta
2.3 GHZ and above. Work each station once per band regardle
mode. (NOTE: For those of you how might be working with a
bander, remember when you work someone to ask if they hav
other frequency in your rig. You can get two for one really eas
way.) You may work a "rover" as many times as they chang
squares. (This means if I were to realize my "Rover Dream"
could work me from CN86, CN87, CN85. Each for points o
same band. HINT: Get friendly with the "rovers" and find out v
they are going when so you can follow them.)

As an incentive to use CW or MCW (You can do that v
code practice oscillator and your handheld), you may add one pc
the QSO value for each contact.

Contact (QSO) points are multiplied by the number of dif
grid locators worked per band. You should mark your log the
time you work some in a new qrid square. (I forgot to mention
you should be separate logs for each band.) For example i
worked me three times on two meters while on was in CN85,
and CN87, your score would be 3 contacts x 3 grid locators for
they had been CW/MCW contacts, your score would be 1
contact points X 3 grid squares). If you worked me on 432
MCW from each qrid as well, your score would be 36 (3 x 3 for
144; 9 x 3 for 27 on 432). If you are having trouble with this, giv
a call and I'll help you out.

Engraved plaques will be awarded to the top-scoring static
each category in the world. Parchment certificates suitabl
framing will be awarded to the top-scoring stations in each cat
on each continent. Certificates may also be awarded to othe
scoring stations who show outstanding contest effort and top-sc
stations in each category in geographical areas where warra
Geographic areas include U.S. states.

Completed logs must be postmarked no later than Augus
1995 to be eligible for awards. All logs should be sent to: Joe L
N6CL, VHF Contest Chairman, PO Box &3, Oklahoma City
73101. Logs may be submitted on disk, provided that a hard cc
the log is sent with the disk and the data is in an ASCII f
compatible with an IBM-PC type computer. You may obtain a
of the logs that CQ wants you to use by sending an SASE
sufficient postage to cover you request (2 32'ers should do) t
VHF CONTEST, CQ MAGAZINE, 76 NORTH BROAD
HICKSVILLE, NY 11801.

There are a couple of miscellaneous rules. All contacts a
300 GHz must use coherent radiation on transmissions and er
at least one stage of electronic detection on receive. A s
located exactly on the dividing line of a grid locator must choose
one of the grid squares from which to operate for exch
purposes. A different multiplier cannot be given out without m
the complete station a least one hundred meters. Lastly, you ca
only use one callsign during the contest. This means that you
not generated contacts by first using your own callsign, and then
your spouse's callsign or one of your children's even though
callsigns are assigned to the same location.

You will find the complete official rules on page 104 of the
issue of CQ magazine or page 113 of the June issue of QST.

Other major contests in July include the IARU HF V
Championship, July 8-9. We had a good time working this on
year and received a first place award for multi-operat
Washington for our efforts. The 10-X International Summer P
QSO Party is July 16-17. The RSGB IOTA Contest is the last v
end in July, 29-30. This again was a good contest last year.
me a call if you would like to set up a team to work any of
contests this year. -73-

Wanted:
Amateur Radio Crystals
Contact: Brian, KA7KUZ
Ph 756-5030

RADIO CLUB OF TACOMA, INC. MINUTES FOR REGULAR MEETING

May 24, 1995

The meeting of the Radio Club of Tacoma was called to order at 7:35 PM by President Jim Kirkreit, K7YLM, with 89 members and 2 visitors present. A quorum was present for conducting official business

MEMBERSHIP: There are 470 members as of this date for 1995.

MINUTES: Previous minutes were vailable at the front of the room.

REASURER'S REPORT

ENERAL FUND CHECKING	454.65
EPEATER FUND CHECKING	1,516.87
ACKET FUND CHECKING	377.94
LEA MARKET CHECKING	797.35
ONEY MARKET SAVINGS	11,244.93
CHOLARSHIP WORKING FUND	600.00
CHOLARSHIP MEMORIAL FUND	2,599.98
ASH ON HAND	0.00
OTAL ALL ACCOUNTS	$17,591.72

INTS, KINKS, TUNING & TRAFFIC: Russell, KB7UXK, ontacted and talked with the American astronaut on the ussian MIR Space Station for five minutes. Eric, N7EPD, gged 14 grid squares and 7 states on 6 meters with 8 watts nd a dipole.

EW MEMBER CERTIFICATES: New member certificates ere handed out to Andy LaJamb, KC7KIW; Guy Frederick, B7LGU; Christina Dougherty, KC7KNN, and Richard ougherty, KC7DPE, and were available for Hugh Gardner, C7IBW; Chuck Inge, N7ETC; Jeffrey Dreyer, KC7JIQ, and len Graves, KC7IBV.

ILENT KEY: Brian, KA7KUZ, announced the passing of Jim erry, N7IZK. His last contact was with the Radio Club of acoma's Special Event Station at Mt. St. Helens. The embership observed a moment of silence.

ROGRAM: Brian, KA7KUZ, presented a slide show of hotographs taken at Castle Lake Overlook at Cold Water idge on Mt. St. Helens during our Special Event, ommemorating the fifteenth anniversary of the eruption of e mountain. The group left the RCT clubhouse on ednesday, May 17 at about 10:30 AM and arrived at the ountain at about 2:00 PM. Brian gave a step by step resentation of the events covering the next two days. Brian's ide show was followed by a movie, filmed and presented by on, AB7DS, and Bob, KI7HW. Their presentation was most njoyable and was even accompanied by music.

WEEPSTAKES AWARDS: Brian, KA7KUZ, awarded pins to CT members who participated in the 1994 ARRL weepstakes: Judy, AJ7R; Brian, KA7KUZ; JM, KC7DKH; al, N7VGO; Dan, N7QWH; and David, WB7AUJ, and were vailable for Brian, KC7FAE, and Bud, KC7AVT.

Tressie, KC7BAL, presented a USS Missouri hat to resident Jim, K7YLM, as part of an advertising program for e sale of hats and shirt, with proceeds going towards the osts involved in the project commemorating the 50th nniversary of the signing of the peace treaty with Japan oard the USS Missouri.

OOKIES: Jim, K7YLM, thanked Marian and Betty, XYLs of orth, W7WG, and Mac, W6NBD, for supplying the cookies r the meeting.

ROWS: Marilyn, KJ7BN, read again the ticket number for e winner of the Kenwood watch from the last meeting. It was 176219. She encouraged members to check their numbers. She announced AROWS was having another raffle with a Polaroid Land Camera, donated by Luis, AA7WE, and a pint jar of Marilyn's wild blackberry jam. She reminded us that proceeds from the raffles will be used for scholarships to be given to members or children or grandchildren of members.

RCT BBS: Jim, K7YLM announced that the RCT Bulletin board will be back on the air soon with some new features which should make it work even better than ever.

SATURDAY BREAKFAST AT McCHORD AFB: Jim, K7YLM, reminded members that we attend breakfast at the Northwest Connection (former NCO club) each Saturday at 8:00 AM. Remember that you will need your vehicle registration and proof of insurance to get on base.

FIELD DAY: Alan, N7EAY, announced that field day plans are coming along nicely. Bud, N7FQR, has the sign-up sheet so call him or Alan. There will be stations available for everyone.

USS MISSOURI: Lorna, KB7YTJ, said the project is growing. There are many clubs involved in this venture. Field Day is being used by each as a training and orientation for people interested in operating on the Missouri. Brian, KA7KUZ, and Mike, KB7QOP, are training managers for this project.

CORRESPONDENCE: Judy, AJ7R, read a letter from the NW Astronomy Group, who are having Fieldstar '95 the same weekend we are having Field Day. They will be at Vernonia Peak Observatory in Oregon. There was a flyer available for people needing further information.

EXTRA CLASS WORKSHOP: Jerry, W7BUN, announced that is a record 18-people workshop starting Thursday, May 25. It will run for four weeks.

FCC ANNOUNCEMENT: The FCC has announced they're going to make a proposal to give amateurs past credit for licenses. It's a little vague at this moment but it appears they may give credit for past licenses, instead of losing our license if we've let it expire.

MOTHER'S DAY BREAKFAST: Rich, N7ANF, chairman of the breakfast thanked Russell, KB7UXK, and his cooks: Brian, KA7KUZ; Danny, KC7CUQ and Don, AB7DS for all their efforts.

FATHER'S DAY BREAKFAST: Marilyn, KJ7BN, announced AROWS will be putting on the second annual Father's Day Breakfast. You don't have to be a father to attend. Men eat free. It will be held Sunday, June 18, from 8:00 AM to 11:00 AM.

FLEA MARKET SIGNS: Marilyn, KJ7BN, also announced she and husband Don, AB7DS, have made three signs to be used for the Flea Market. They will donate them for use at other W7DK events also.

DONATIONS TO MARIO, KD6ILO: Marilyn, KJ7BN, thanked all who so generously donated their time and money to help Mario, KD6ILO, when he recently lost his home and belongings in a fire. Thanks go, in particular, to Denny, W7ZTG, and Frank, KG7HB.

SEA-PAC CONVENTION: Jim, K7YLM, announced the upcoming convention at Seaside, OR on June 3 and 4. There will also be a Hamfest in Portland Sept. 16 - a first - at Portland Meadows.

LICKEM STICKEM BARK PARTY: Shirley, N7QHW, announced the next Bark Party for putting out the monthly newspaper will be held at the RCT clubhouse on May 30, 10:00 AM. We need lots of help. Also, on June 10 lots of help is needed for the Sound to Narrows Run.

BAWFAW REPEATER GROUP: An inquiry was made as to whether the Radio Club of Tacoma would be doing anything special to show our appreciation to the BAWFAW Repeater group for allowing us to use their repeater for our Mt. St. Helens commemorative event.

Jim, K7YLM, said we certainly will be doing this and a decision will be made at the next board meeting.

ANTIQUE RADIO STATION: Mac, W6NBD, announced he and Worth, W7WG, are making progress on the Antique Wireless Station and they plan to have a radio on the air at our next outdoor training station.

WANTED: Roger Terwilliger, WA7ANJ, is looking for a speed key. Please contact him if you have one for sale.

ADJOURNMENT: Jim, K7YLM, adjourned the meeting at 9:00 PM.

Respectfully Submitted
Judy, AJ7R RCT Secretary

RADIO CLUB OF TACOMA, INC.
BOARD MEETING OF June 7, 1995

The Radio of Club of Tacoma Board of Directors meeting was called to order at 7:30 PM by President Jim Kirkreit, K7YLM. There were eight board members and six guests present. A quorum was present for conducting official business.

TREASURER'S REPORT

General Fund Checking	256.04
Repeater Fund Checking	1,516.87
Packet Fund Checking	377.94
Flea Market Checking	1,315.32
Money Market Savings	11,244.93
Scholarship Working Fund	600.00
Scholarship Memorial Fund	2,599.98
Cash On Hand	0.00
Total All Accounts	$17,911.08

MEMBERSHIP: Total membership for 1995 as of this date is 472 members.

MINUTES: The minutes of the May 3, 1995 Board Meeting were available.

TREASURER'S STATEMENT: Jerry, W7BUN, pointed out to the board that we have taken more out of savings at this time than we ever have at this time of the year in the past. Jim, K7YLM, inquired as to what the increased expenditures were for. He said he felt it would be appropriate if the Board had a comparison available from last year. Brian, KA7KUZ, agreed this would be a good idea.

PACKET STATION: Jim, K7YLM, said we have had problems with our packet station. At the next board meeting he will have a proposal, with options and a recommendation from the Packet Committee, to present to the Board. Jerry, W7BUN, asked it to be put in the minutes that he feels W7DK should have an outstanding packet system or none at all.

SIGNATURE CARD FOR GENERAL CHECKING: Jerry, W7BUN, requested approval of signatures for our general fund checking account, due to an error made by the bank. He made a motion that Shirley, N7QHW; Jerry, W7BUN; Alan, N7EAY, and Ray, W7KFN, be on the signature card for the general fund checking account. Shirley, N7QHW, seconded the motion. **MOTION PASSED**.

W7DK AUDIT: Shirley made a motion that we ask Ray, W7KFN, to again perform the audit of the club. Motion seconded by Mike, WB7DFQ. **MOTION PASSED**.

FIELD DAY: Jim, K7YLM, said it was his understanding Alan, N7EAY, had resigned his position as Field Day Chairman, due to personal commitments. Others, including Brian, KA7KUZ; Mike, KB7ZDR, and Mike, KB7QOP, would be helping with Field Day. Brian, KA7KUZ, said that this year AROWS and women operators have priority to use the 20 mtr. phone station. Mike, KB7VNT, said we have the use of Harold LeMay's property again this year.

BAWFAW REPEATER: Mac, W7MSR, moved that we
$25 donation to the Bawfaw Repeater Group.
seconded by Shirley, N7QHW. **MOTION PASSED**.

EQUIPMENT DONATION: Mac, W7MSR, said he wa
a donation of hardware for the Radio Club of Taco
Bruce Lane, WD6EOS, and he would like a letter of th
be sent. Judy, AJ7R, said she would take care of this.

MT. ST. HELENS: Jerry, W7BUN, said he had talk
Randy, KI7ZD, who felt he should have been included
RCT event at Mt. St. Helens. Jerry felt there was a
communication on all parts. Jim, K7YLM, agreed.

ANNUAL W7DK DXPEDITION: Brian, KA7KUZ, sug
the club commit itself to a DXpedition once a year
Western Washington region. Many possibilities
discussed. The idea will be presented to the membersh

CORRESPONDENCE: Judy, AJ7R, read a note from
Nelson, thanking the Board for it's scholarship dona
People to People organization in his name.

A reply was read from World Radio regarding adv
our club's meetings in their "Visit Your Local Radio
column. Due to the $60 annual fee involved the
decided not to advertise with them.

We also received offers of fund-raisers selling calc
and pens with the RCT logo on it, but the Board felt w
do better in other endeavors.

A letter was read, proposing an honorary member
awarded to Charles (Bud) Jones, WA7ASH, and hi
Dorothy Jones, for the good service they did for amate
in allowing RCT to use Bud's call for the Mt. St. Helens
The board felt they did not fall under the h
classification. Jerry, W7BUN, made a motion that w
them a two year subscription of the Logger's Bark.
N7QHW, seconded the motion. **MOTION PASSED**. T
will also send a letter of thanks.

A letter was also read from Michael Dinkelman, W
of the Mike & Key ARC asking for our opinion on bri
Northwest Division Convention to the Pacific Northwe
collaborative effort with other clubs. After some disc
Mac, W7MSR, made a motion that we answer this lette
affirmative, saying we're interested. Motion secon
Shirley, N7QHW. **MOTION PASSED**. Jerry, W
volunteered to be the contact person for our club.

STANDING RULES: Shirley, N7QHW, suggested
small changes to the proposed Standing Rules recomm
by the Bylaws Committee. Judy, AJ7R, offered to mak
changes and deliver a copy of the amended Standing
to each board member in the near future to be conside
the Board at the next Board meeting.

ARES: Shirley, N7QHW, asked about the ARES requ
a donation of $250 for help with administration costs.
discussion, Jerry made a motion to give ARES a
donation. Motion seconded by Mac, W7MSR. **M
PASSED.**

ARRL VIDEO INSTRUCTION TAPE: Bill, W7GBC, pr
that the Radio Club of Tacoma purchase a new ARRL
Tape for instruction in the Novice/Technician area.
W7MSR, moved we purchase the new ARRL tape.
seconded by Mike, WB7DFQ. **MOTION PASSED**.

SECRETARY'S DUTIES: Judy, AJ7R, expressed
Board her concern that Jerry, W7BUN, is collecting all
club's correspondence. Jerry and Judy agreed that he
collect items intended for the treasurer and she would
the remainder.

ADJOURNMENT: The meeting was adjourned at 9:35

ATTENDANCE: President Jim K7YLM; Vice Preside
W7GBC; Secretary Judy, AJ7R; Treasurer Jerry, W
Board Members: Shirley, N7QHW; Mac, W7MSR;

KA7KUZ; and Mike, WB7DFQ. Guests: Bud, N7FQR; Sally, B7PKJ; Mike, KB7VNT; Al, KC7DDA; Joe, WZ7M and Rob, 7TGU.

Respectfully submitted
Judy Kirkreit, AJ7R, RCT Sec,

ADIO CLUB OF TACOMA
INUTES FOR REGULAR MEETING
une 14, 1995

The meeting of the Radio Club of Tacoma was called to rder by President Jim Kirkreit, K7YLM, with 74 members and visitors present. A quorum was present for conducting fficial business.

IEMBERSHIP: There are 476 members as of this date for 995.

IINUTES: Previous minutes were available at the front of the oom.

REASURER'S REPORT

eneral Fund Checking	430.20
epeater Fund Checking	1,516.87
acket Fund Checking	377.94
lea Market Checking	1,315.32
oney Market Savings	10,854.20
cholarship Working Fund	600.00
cholarship Memorial Fund	2,599.98
ash On Hand	0.00
otal All Accounts	$17,694.51

EW CALL SIGN: Kurt Jansson received his new callsign, C7LGM.

EW MEMBER CERTIFICATES: New member certificates ere handed out to Al Williams, K7PUC; Glen Graves, C7IBV and Hugh Gardner, KC7IBW, and were available for tephen Becker, KC7EUB; Jeff Dryer, KC7JIQ and Chuck ge, N7ETC.

OOKIES: Jim, K7YLM, thanked Peg, N7IRW, for the ookies for tonight's meeting.

INTS & KINKS, TUNING & TRAFFIC: Brian, KA7KUZ, said e contacted Montserrat. Jim, K7YLM, passed out a reprint n "A Novel Dual-Band, Single Feedline, VHF/UHF Antenna".

ROGRAM: Alan, N7EAY, spoke about plans for Field Day be held on June 24 and 25. Alan will be assisted by Brian, A7KUZ. RCT field day activities will again be held at Harold eMay's property (former Marymount Academy) on 152nd off acific Ave. So. There will be a potluck held Saturday night nd a breakfast Sunday morning. Russell, KB7UXK, will ssist the AROWS ladies with breakfast and both Russell and rian, KA7KUZ, will assist with food activities, in order to give e ladies an opportunity to participate in radio activities this ear. Those interested in helping with setup should meet at e RCT clubhouse at 10:00 AM Friday, June 23.

W COMPUTER PROGRAM: Al, K7PUC, has written a CW ending and logging program that he and Worth, W7WG, will se on 40 meters. phone at Field Day. They encouraged nyone interested to join them.

ICKEM STICKEM BARK PARTY: Jim, K7YLM, announced e Bark Party will be held Thursday, June 29, at 10:00 AM at e RCT clubhouse. Anyone interested in helping put together e Logger's Bark for mailing should please join us. Coffee nd donuts are also served.

ATHER'S DAY BREAKFAST: Marilyn, KJ7BN, announced e Father's Day Breakfast will be held Sunday, June 18, at e RCT clubhouse from 8:00 AM to 11:00 AM. All the guys at free.

ROWS DRAWING: Winners of tonight's drawing were: ucy Kelly, NB7T - Polaroid Land Camera; and Luis, AA7WE a pint of homemade blackberry jam.

SCHOLARSHIPS: Marilyn, KJ7BN, announced that all proceeds from tonight's and all other drawings will be used for scholarships. AROWS will be awarding two $300 scholarships at the July 26 RCT meeting.. All club members, their children and grandchildren are eligible. She said to read the AROWS article in the July Logger's Bark for details.

Tressie, KC7BAL, announced the next AROWS meeting will be held on Wednesday, July 19, at 7:00 PM at the RCT clubhouse. All are welcome to attend.

USS MISSOURI PROJECT: Lorna, KB7YTJ, announced that there are 60 people from the Radio Club of Tacoma signed up to work during the official hours which begin Friday, Sept. 1, from 1200 hrs. local time through Sept. 3 1800 hrs. local time. She encouraged more of these members to check in to the Missouri Project Net held each Tuesday, following the RCT net, at 8:00 PM on 146.82 (tone 103.5). Please contact Lorna to notify her times you will/will not be available for a shift.

Brian, KA7KUZ, and Mike, KB7QOP, Trainer-Coordination Managers for the Missouri Project, will be overseeing operations of those signed up to operate on the Missouri at Field Day. They can check you off on the list, approving your ability to participate.

Tressie, KC7BAL, talked about the shirts, hats and patches that are being sold to help defray expenses for this project. If interested, contact Lorna or Tressie.

PRESIDENT'S HEALTH: Jim, K7YLM, told the membership that he is experiencing some health problems and is currently being given a series of tests to determine possible courses of treatment. He says he will do his best to continue with all his commitments.

ADJOURNMENT: The meeting was adjourned at 8:30 PM.

Respectfully submitted
Judy, AJ7R, RCT Sec

The Radio Club Of Tacoma
has another first
August 12, 1995
Flea Market Training Stations

The Radio Club of Tacoma will have on line at the Flea Market site at ***Charles Wright Academy*** **every band** and **every mode** to be used on the **Mighty Mo,** on loan by our friends from ICOM.

This training station is available for every ham in the Puget Sound basin

Control Operators will be on hand to help with everything from an **ICOM-736** to an **ICOM-820**

The only two requirements are:
1. You have any Amateur License
2. You are registered at the Flea Market.

July 1995

W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1 # 'BOB' - N7BH #TONY' KB7MPD #BRAD' KB7PZV #MARV' KC7IKA *Dominion Day* *(Canada)*
2 #BARB'- W7UYL #DAVE' N7XRJ # KEITH-KB7NVW #CHARLES-W7SZM	**3** # NONA - N7TPF #TYKIE RAWLINGS	**4** 147.28 NET 7:30 PM # HUGH-KC7IBW *Independence Day*	**5** Board Meeting Club House 7:30 pm.	**6** # JOHN - W7ZTI	**7**	**8** CQWW VHF Cont IARU HF World Championship #NORM'- N7ILQ #DENNIS-KA7IIV
9 CQWW VHF Contest IARU HF World Championship #DARRELL-W7GDP	**10** #RICK' -W7LKG # SUSAN -N7YFH #VIRGINIA BICE	**11** 147.28 NET 7:30 PM # MARIE-KA7HEG	**12** W7DK MEETING Library 112 St.E.& WALLER RD. 7:30pm	**13**	**14** #ART'-AA7BO	**15** # HARRY -W7HH # DAVE- KB7UXV
16 #WILL'-N7AZN	**17** #MAC'-W6NBD #MARK O'HALECK	**18** 147.28 NET 7:30 PM MVWS VE TESTS # MIKE -WB7DFQ	**19** AROWS MEETING CLUB HOUSE 7pm	**20** LOGGER'S BARK *DEADLINE* # LORRAINE KA7WGG	**21** NWDX Convention - RENO # LEON- KB7CAX	**22** NWDX Conventio RENO COOS BAY HAMFE North Bend OR #BILL'- K4QXP #DICK'-WB7CRR
23 NWDX Convention - RENO #MARGARET-KA7RUQ	**24** LADY'S PINOCHLE-CLUBHOUSE NOON # ALAN - N7EAY	**25** 147.28 NET 7:30 PM	**26** W7DK MEETING Library 112 St.E.& WALLER RD. 7:30pm	**27**	**28** # REVIS -N7BUN	**29** # MONA -KB7AGS #JIM'- WB7DPM
30 #BILL'- N7TBQ #CHARLES-KC7ETM	**31**					

# Happy Birthday!

Coming Events

July 5 - Board of Directors meeting - 7:30 PM - at the RCT Clubhouse - all members are invited.

July 8-9 - IARU HF World Championship Contest

July 8-9 - CQ World-Wide VHF Contest

July 12 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM - Program: Alan Hughes, KB7SVU talk about the Missouri Program.

July 21-23 - Northwest DX Convention - Renton

July 22 - Coos Bay Hamfest, North Bend, OR

July 26 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM - Program: Dan Kelly will gi program on "Slinky Antennas"

Aug 5-6 - Spokane Hamfest

Aug 12 - RCT Flea Market '95 - Charles Wright Academy

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

ADDRESS CORRECTION REQUESTED

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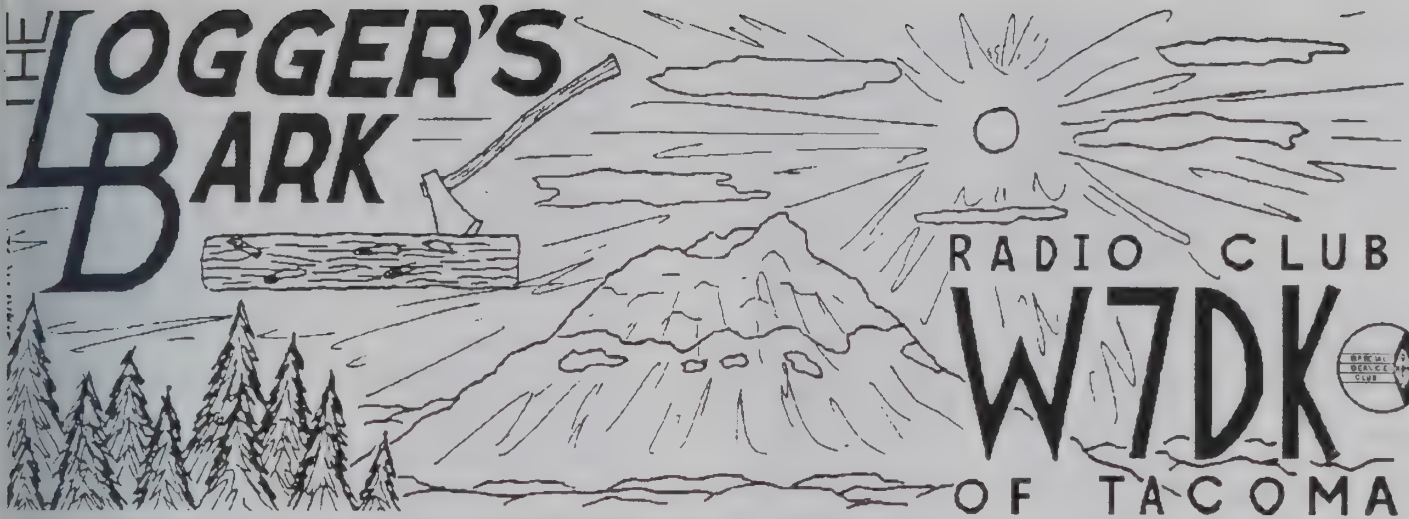
THE LOGGER'S BARK



OL. XXXII NR.8 W7DK AUGUST 1995

From The President

de Jim K7YLM

What is summer?

Summer is hot-dogs, pop, potato chips, trips to the beach, sun screen, a few trips to see grandma and, above all, ham radio. You knew I was going to get ham radio in there somewhere, hi hi!

I look at summer this way. It is am Radio with everything else thrown in. Between now hd the end of the year we will have many meetings with eat programs, many outings, our swap meet with a giant iow and tell of many modes of ham radio, a couple of iper antenna/ham radio training projects, another DX trip a location on the Columbia River to participate in the /ashington QSO party, a few contests, a Halloween and hristmas party and a lot of great talks with friends. Oh yes, e will be operating from the deck of the USS Missouri, sing an antenna mounted on top of the aft 16" gun turret.

I have a request of you. These are very special times. ome out and join us. Shake a few hands and tell us about at great contact you made or how your new dipole has set new standard of excellence.

Our club is a club that cares for its members and for our ommunity. Give us your help, your ideas and your plans. his is how we can continually progress. Soon we will have survey concerning your desires with packet. Your uidance will give us the direction we need to make iprovements, changes and modifications for now and the ture.

It is my view that what makes ham radio work with our lub and what makes ham radio work with a coordinated ffort between our club and other clubs is ***your*** guidance.

Our club is the leader. We set the standard for what a eat club should be. The other day my little granddaughter ot a present from her mother. I asked "why did she give it you?" She said "because I'm special". I want this club to e the best for you. Why? Because you're special!

must create a system myself or be enslaved by another man's."
via the W7DK BBS.

shortcut through a strawberry patch is called a strawberry iortcut.

1995 RCT Flea Market

de Alan, KB7SVU

Greetings! By the time you read this, there will only be a few days left until our 1995 Flea Market. All is going well at this point.

I would like to thank JM Spindor, KC7DKH, for the great job she is doing as the Flea Market Treasurer. I hope that as many club members as possible will come out to help set up on Friday, August 11, at 10:00 AM. If you don't make it at 10:00 AM, come whenever you can make it. We will need help all day. We will have help from the Mike & Key Club both days. It'll be great to have their help.

Eva Anderson, WB7QNS, has agreed to do the talk-in on Friday and Saturday. I would appreciate it if everyone else would keep your conversations to a minimum and let only Eva give directions, unless she asks you to help out. This will keep confusion to a minimum.

"Attitude"

de Charles Swindoll

"The longer I live, the more I realize the impact of attitude on life. Attitude, to me, is more important than facts. It is more important than the past, than education, than money, than circumstances, than failures, than successes, than what other people think or say or do. It is more important than appearance, giftedness, or skill. It will make or break a company - a church - a home. The remarkable thing is we have a choice every day regarding the attitude we will embrace for that day. We cannot change our past - we cannot change the fact that people will act in a certain way. We cannot change the inevitable. The only thing we can do is play the one string we have, and that is our attitude. I am convinced that life is 10% what happens to me and 90% how I react to it. And so it is with you. **We are in charge of our Attitudes.**"

RADIO CLUB OF TACOMA
1995

PRESIDENT	JIM KIRKREIT	K7YLM	927-7825
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
SECRETARY	JUDY KIRKREIT	AJ7R	927-7825
TREASURER	JERRY SELIGMAN	W7BUN	845-7652
BOARD (4)	SHIRLEY MURPHY	N7QHW	265-3661
	JOHN McALLISTER	W7MSR	952-7388
	ALAN ALLEN	N7EAY	475-7413
	BRIAN SPINDOR	KA7KUZ	756-5030
LOGGER'S BARK STAFF			
EDITOR	RALPH FULLER	KA7FIG	582-5841
REPORTERS	SHIRLEY MURPHY	N7QHW	265-3661
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	BRIAN SPINDOR	KA7KUZ	756-5030
	DICK RYAN	W7RGD	627 0922
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COMPOSITOR	"NICK" OLSON	N7BCV	536-8940
PUBLISHER	W7DK PRESS	N7QHW	265-3661

****

CLUB MEETINGS: 7:30 pm

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206 / 759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Mail all articles to Ralph Fuller, KA7FIG, 8208 Southway SW, Tacoma WA 98498. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/ Radio Club of Tacoma

147.88 / .28 MHz	144.97 - Packet
147.98 / .38 MHz (pl 103.5)	441.00 - Packet

New Members:

Dan W. Soethe, KC7LRD RCT #18
30921 16th Pl SE #C
Federal Way WA 98023 952-881

Kurt E. Jansson, KC7LGM RCT #18
HHS 2/8 FA
Fort Lewis WA 98433 941-323

Rod Wilson, N7YQT RCT #18
914 E 139th
Tacoma WA 98445 531-501

Jay Williams RCT #18
15109 15th Ave S
Spanaway WA 98387 535-971

Glenn May, KC7IKL RCT #18
20301 42nd Ave E
Spanaway WA 98387

Address and Phone Changes:

Andrew Yates, KB7YTL
4500 111th St SW #4
Tacoma WA 98499 581-465

Callsign Changes:

Dale R Carlson, KC7LZI
Morel Guyot - AB7KA
Bill Hall - KI7YK

Reinstatement:

Larry Kirkegaard, KC7YT
James Stafford, KB7VOM
Andrew Yates, KB7YTL
John Buffington, N7XOW
Randy Treit, KC7AVA

Silent Keys:

Bob McCullough, W7SFO - RCT #335 - died July 13, 199

Radio Club Of Tacoma - VE Testing

The Radio Club of Tacoma, W7DK, will be offerin **all license class** examination session on **Satur** **August 12** at **10 am** during the **RCT Fleamarket** b held at **Charles Wright Academy** located at **Chambers Creek Rd W** in Tacoma. Pre-registr not required. Be sure to bring original and a cop license and any CSCE plus a piece of identification.

For further information call:
Jerry Seligman, W7BUN at 845-7652
Walk-Ins Are Always Welcome

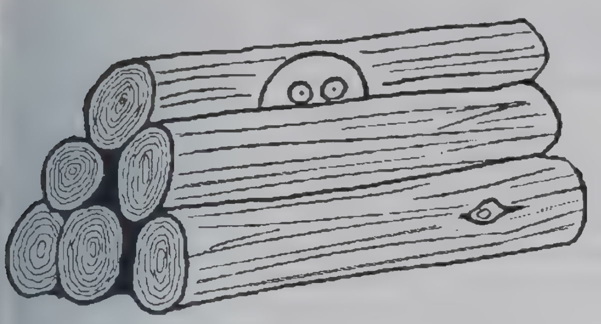
Commemorative Tri-Club Event

de Jim, K7

August 21, 1995 is the 50th anniversary of ham radi getting back on the air after World War 2. The hams wer first given 2-1/2 meters; then, the next day we were given meters and, within a few weeks, all ham bands were retur to the ham community. This activity is a good one and, i miss it, you have to wait 50 years for the next one!

I have been talking to the Presidents of the Mike & Club and the North Kitsap A.R.C. We agreed to a tri event. During any part of the 24 hour period of Augus 1995 contact a club member of W7DK on the 1 repeater, a club member of the North Kitsap A.R.C. o 146.62 repeater and a member of the Mike & Key A.R. the 146.82 repeater (tone 103.5).

This event is for ***ALL*** hams. Send your three-entry listing the repeater, call and time to any of the three There will be a nice QSL commemorating 50 years of Radio on the Air.



Inside the Logpile

lark Editor, Ralph, KA7FIG is on vacation in 6-land. ompositor, Nick, N7BCV is filling in. [Compositor? Look it up.]

Communication

de Nick, N7BCV

As hams, it is perhaps the act of communication *via* adio Frequency energy which is the essence of amateur adio. More importantly, I feel it is the actual communication self which is the essence of being human.

So what is COMMUNICATION itself? It comes from the atin word *communis*, meaning "common," as in a ommonness of understanding between individuals. In the resent day, communication is defined as the transmission of formation from ***sender*** to ***receiver***. (Note: the key is the ansmission of information, not the *manner* nor *form* of the ansmission.) The **goal** of any communication is that the *eceiver* understands the message as the *sender* intended and othing more[1].

Look at a typical communication between husband and ife. Often one completes a sentence started by the other or nswers a question perhaps only half-verbalized. Was there ommunication? Most effectively so, although an outside oserver not intended to be in the communication process ight not be able to follow it. Does the *sender* intend to oscure the meaning from anyone other than the *receiver*? ot necessarily. Does the *sender* have a responsibility to ake their communication clear to anyone other than the tended *receiver*? No!

One clear difference in an amateur communication would e that we cannot encode our on-the-air communications hereas a husband and wife could in their off-air ommunication. Still, I could legally converse on 147.28 in panish (or any modern language) and it might as well be ncrypted to 99.5% of Puget Sound hams monitoring, as long s I gave my ID in English. I would not be intending to oscure anything — it wouldn't be my fault if others couldn't llow my Spanish QSO and it might be easier for my tended *receiver*.

I just used "QSO" and this is not CW. Did you all follow y communication? The Q-signals were devised for CW horthand but are often found in voice and print. Perhaps Q-gnal use in voice/print was not the original intent but there as no loss in information when I use it, so the ommunication process is complete and the goal is achieved.

English (as spoken in the US) is dynamic — it evolves. ome words in common use now did not exist 25 years ago, ut their use does not intend to obscure anything — one is xpected to keep up with "modern English". Also, some ords in common use 25 years ago now have meanings hich make their use prohibitive in polite society. Think you can get by using the word with its old meaning? Could be hazardous to your bridgework.

So one is expected to keep up with modern language in most occasions, but not, apparently, within the hallowed halls of Hamdom's precious jargon.

I've heard people chewed out on-the-air for using Q-signals on voice. Not as originally designed, perhaps, but I maintain that as long as there was no loss of information between *sender* and *receiver*, so what. I would not care if a Ham responded to a question with a cheery **10-4**, which would be both inaccurate and dripping with CB ancestry, but as long as no information was lost between the principals to the QSO, so what! The ICAO alphabet (of aviation ancestry) is the official phonetic alphabet for our use but **B**ravo **C**harlie **V**ictor isn't as memorable as **B**-Complex **V**itamin or **B**asket **C**ase of **V**acaville, and I've heard the same repeater "cops" who deride a misuse of Q-code get awfully creative with their phonetics. **So what!**

It is wonderful to treasure our Ham traditions but time marches on. The goal of communication is to get the information from *sender* to *receiver*. Let's lighten-up out there! [©1995 *Nick* Olson]

The Packet New User Part 3

de Pete, sysop KA3RFE.MD.USA

SENDING MAIL/BULLETINS

Most BBS programs use the same commands to send mail and bulletins. One of the most common mistakes in sending messages of any type is the confusion between what is mail, and what is a bulletin. The issue gets further confusing when trying to determine how to send a bulletin meant for all BBSs in a given bulletin distribution scheme.

Generally, there are three commands for sending mail and bulletins.

A) **S**.....Most BBS programs treat the S command as a command to send a PRIVATE message. For instance: entering S KA3RFE will send a private message to KA3RFE...but only on the BBS on which you enter the message. If KA3RFE does not use the BBS you are entering the message on, the BBS program will try to forward the message to KA3RFE...but ONLY if that BBS has KA3RFE listed in its forwarding file. If you try to send a bulletin using S alone, the BBS will still treat that message as a private message. So, entering a bulletin using "S ALL @ MDCBBS" will result in a private message to NOBODY at MDCBBS except for SYSOPS, because a private message to "ALL" could only be read by sysops or a ham whose call sign is "all". Since "all" is not a legal call sign, nobody else can read the message

B) **SP**......The SP command means "Send Private". This tells the BBS that the message you are sending is "eyes only" for the addressee. The sysop will be able to read that message but no one else will be able to read it. This is the same command as the plain S command. To avoid confusion, you should always send your private messages to another ham using the SP.

C) **SB**.....This command means "Send a Bulletin". There are two types of bulletins you might send. One type would be only for users of the same BBS on which you are entering the bulletin. If you were connected to KA3RFE BBS and you sent a bulletin reading "SB ALL", the BBS will treat it like a local bulletin and it will only stay on KA3RFE. If you sent a bulletin titled "SB ALL @ MDCBBS" the BBS would know to forward it out.

So, to sum up....use S and SP for PRIVATE messages ("Mail"), and SB for BULLETINS.

Try it out! Send me a private message to KA3RFE @ KA3RFE.MD. If it gets here, I'll send you a reply. -73-

---

[1] ortions derived from Business Communication, Jules Harcourt et al, outh-Western Publishing, 1991

News from ARRL

de Jerry, W7BUN

The FCC has released a Report and Order setting the fee for vanity call signs at $30 for a ten-year term of license. The new fee takes effect 90 days after publication in the Federal Register, which means the vanity call sign program can't begin until late September.

The Organization of American States has approved an International Amateur Radio Permit (IARP). So far, only the US and Uruguay have signed the protocol. This is the first step in developing an Amateur Permit good for operation in all the countries of the Western Hemisphere.

On July 1, 1995, George Wilson III, W4OYI, submitted his resignation as ARRL President, the office he has held since January, 1992. Mr. Wilson, who suffered a stroke in February, is in a rehabilitation hospital in Evansville, Indiana. In accordance with the ARRL by-laws, First Vice President Rodney J. Stafford, KB6ZV, becomes President for the remainder of the term. Stafford, 52, is a Presiding Municipal Court Judge in Santa Clara County, California.

The Council of the American Physical Society (APS) has issued the results of a study entitled "Power Line Fields and Public Health," concerning the potential dangers of cancer from electromagnetic fields that emanate from common power lines and electrical appliances. The APS concluded that "the scientific literature and the reports of reviews by other panels show no consistent link between cancer and power line fields" and "the preponderance of research findings have failed to substantiate those studies which have reported specific adverse health effects from exposure to such fields."

The ARRL has filed reply comments on the petition for rule making filed by Fred Maia, W5YI, that sought to prohibit Amateur Radio stations from transmitting one-way information bulletins and code practice below 30 MHz (RM-8626). An extraordinary number of comments were received by the FCC in this matter, and only one of the 537 comments received was favorable to Maia's petition. The ARRL asks that this petition be dismissed without delay.

Canadian amateurs have been authorized to use special prefixes from July 8 to September 8, 1995, to mark the 50th anniversary of the end of World War II. The prefixes will be XK, XJ, XO, and XN.

The latest call sign assignment as of June 1st, includes: AB7KN, KJ7OI, and KC7LLW.

RACES/ARES

de Shirley, N7QHW

A very busy time of the year is behind us now and the main emphasis will be related to the searches that take place. We in PC ARES would like to take this opportunity to express our sincere thanks and appreciation to everyone who has been available for exercises, public service events and searches. It only works because of you, who care enough to volunteer and give of your time and equipment to help your community.

So what does the remainder of the year hold for us? We spell it with a capital T-R-A-I-N-I-N-G. There are lots of packet bulletins which share experiences in disasters and the one big thing that occurs again and again is we need more training. Plans are underway for special training events each month the general membership meeting will be trai of some sort also. We all need to practice message hand using the amateur radio phonetic alphabet, discourage us Q signals on voice contacts, being a seasoned net co person, being a seasoned net member, maintaining logs, keeping our cool, plus a myriad of other things. It never ending list.

We also have a responsibility to our imme community by helping to be prepared and teaching ot about emergency preparedness. As an example, I would to share with you some of the planning that has taken pla my immediate community of Raft Island. We have pri our own Emergency Preparedness Guide which incl much of the information that has been printed in the bark month. In addition, there are designated common area people to come to in the event of a disaster, plans for boa act as ferries for getting people and supplies on and off island, Search and Rescue teams, Emergency shelters well as Damage Assessment, Sanitation, Pets and Equip Committees for after the event. The island is broken dow areas much like the "Blockwatch" program. So you see t is much for all of us to do. It is my hope that this brief information will help others to get started on being prepare

ARES is raffling a "72 hour Survival Backpack" don by Tom Stanley, KB7VOO, for raising funds. This contains many emergency items plus food and water for during a major event. The tickets are $.50 each or 3 $1.00. Help us out and take a chance on winning this pack. We will also have tickets available at the RCT Market. Plans are also underway to have a Radio Repa to raffle so keep tuned for more from ARES. The drawing be at the ARES meeting on the third Wednesday in Augus

AROWS

de Tressie, KC7

Greetings from AROWS!

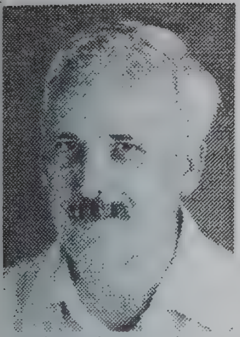
The last meeting of AR was held Wednesday July 19, at the RCT clubhouse.

The main topic of convers was our scholarship drawing w will be held at the second meeti the month, July 26. As of this we have received thirteen a cations and there is just one d go until our deadline. We are very excited about all of thi is one of our main goals of the year to be able to assist s person in furthering their studies. Be sure to check our a in the September *Logger's Bark*, where we will announce two winners.

Our next endeavor is providing the Concession at W7DK Flea Market to be held at Charles Wright Academ August 12, 1995. We look forward to seeing you all th Please support us!

Come join us for our next AROWS meeting. This wi held Wednesday, August 16, 1995 at the RCT Clubhou 7:00 PM. _ALL_ are invited to attend. You do not need to licensed ham. We have a good time and also lend a ha those in need. Hope to see more of you at the next meeti

Check into the W7DK packet bulletin board. frequency is 144.97. Just type C space W7DK. look at the entire list of subjects type LC space ? Questions? call Mark / 874-2714 or Jim / 927-782



A Contest For Everyone

de David WB7AUJ

"The Radio Amateur is Patriotic. Their station and skill always ready for service to country and community." -- from The Radio Amateur's Code.

Field Day is an annual event to practice our skills and readiness for emergency service. It was a great success again this year. Instead of orrying about rain, we had to worry about getting too much un. The female members of our club stayed on the air all ight and made the most contacts of any station this year (20 eter phone). GREAT JOB, LADIES!! Hope you'll do it again ext year.

It's a shame there are two great contests the second eek-end in July. I had to choose between the CQ VHF ontest and IARU contest on HF. I went with the IARU and ad a ball working CW only. 20 meters stayed open all night aturday night to somewhere. At 4:44 Sunday morning, I orked JARL Headquarters station, 8J3XHQ (Antarctica). hen the contest was over at 5 AM Sunday morning, there as a lone signal on 20 meter CW calling CQ USA from aiwan. Mike, KB7QOP, is right; the way to increase your ode speed is to get on the air and use it. Brian, KA7KUZ aid he picked up 10 new countries during this contest. If you ould like trying to work a DX contest, this is a great one for etting your feet wet. It is not quite as crowded as the CQ nd ARRL DX contests. Mark your calendar for the second eek-end in July next year and give it a try.

I understand that 2 meters was open to Hawaii and Japan is same week-end. Hope those of you who worked the VHF ontest had as much fun as I did. In August there is the RRL UHF (220 MHz and above) contest. Also mark your alendars for the ARRL VHF contest the second week-end in eptember (9-11). More on this next month.

I worked a little of the 10-X Phone QSO Party (July 15-6). In the time I did put in, I worked AK, CO, NC, TX, UT nd WY in addition to a few locals. Ten meters is not ompletely dead, just not as active as when sun-spot numbers e higher.

If you are planning to operate on the Missouri, I would ghly recommend that you spend some time working the NA SO Party (CW 5 Aug., Phone 19 Aug.). As I remember this ontest from last year, it is one of the more low key contests. hese contests are only 12 hours long (11AM - 11PM PDT aturday, 1800 -1600 UTC). As a single operator, you may perate no more than 10 hours of the 12. Time off must be at ast 30 minutes and marked in the log. Output power is mited to 150 watts. The exchange for this contest is your ame and state. In reviewing the results of this contest for st year, I see that logs were submitted with as few as 9 ontacts on CW and 15 contacts on SSB. Thirty-Seven ercent of the logs had less than 200 contacts (18% less than 00). So don't be ashamed to submit your log no matter what our score is. If you don't get QST and would like a copy of e rules, you can also take the club's copy over to the AM-PM 12th and Union and make a copy or give me a call. There a team competition (up to five members) for this contest. If u are interested in being part of a team, give me a call.

The ARRL has announced another Hiram P Maxim emorial Birthday Celebration for September 2-10. What a ectic memorial day week-end we will have this year with this nd the Missouri at the same time. There certainly will be ough to keep everybody busy that wants to get involved.

If you are trying to Work All States and need Maryland, New Jersey, New Mexico or West Virginia, these states have annual contests in August.

To help organize the club's contesting efforts, Brian, KA7KUZ and myself will host a meeting of all individuals interested in contesting on Saturday, August 5th, 10 AM (At the club house). Among other things to be discussed would be which contests to work as W7DK and Brian's plan to operate an expedition for the Washington State QSO Party in September (last week-end 23-24th). I know a number of you have expressed an interest in serving on the Contest Committee on your application or renewal application. Hopefully a functioning Contest Committee will result from this meeting.

73 and good luck in your next contest.

AUGUST OPERATING EVENTS

AUG.	5	North American QSO Party (CW)
AUG.	6	QRP ARCI Summer Daze SSB Sprint
AUG.	5-6	ARRL UHF Contest
AUG.	5-6	YO-DX Contest
AUG.	12-13	Great New Mexico Chile Chase
AUG.	12-13	Maryland-DC QSO Party
AUG.	19-21	ARRL 10-GHz Cumulative Contest
AUG.	19-21	European DX Contest (CW)
AUG.	19-21	KCJ CW Contest
AUG.	19-21	New Jersey QSO Party
AUG.	19-21	North American QSO Party (Phone)
AUG.	19-21	SARTG Worldwide RTTY Contest
AUG.	26-27	Summer QRP Party
AUG.	26-27	West Virginia QSO Party

Address Changes

If you change your address, don't forget to notify the club immediately. The Post Office will not forward your Logger's Bark, but instead returns it with $.50 postage due. Also, members who notify the Post Office that they will be "temporarily away" will have their Bark returned to the Club. Each month as many as 6 to 10 Barks are returned; members don't get their Barks and the club loses about $50 a year. Call Dick, W7RGD, 627-0922, or Jerry, W7BUN, 845-7652, to report any changes in address, phone number, or call sign. Thank you!

VE Testing

The Maple Valley Wireless Society will conduct an all License examination the Third Tuesday of each month, and shall begin 7pm, promptly at the Auburn Fire Station located at 1101 "D" Street NE, Auburn WA. Be sure to bring original & a copy of your license and any CSCE plus a piece of identification. For more information on how you might participate, call **Bill, W7GBC**, 584-1086, or **Ralph, KA7FIG**, 582-5841.

Walk-ins are always welcome.

20 Years Ago - August 1975

Many club members are going to the Baw Faw Repeater Group's picnic at Miller-Sylvania State Park the first week in August. RCT's Hamfair-75, the largest hamfest in Washington, will be held at the Pierce County Fairgrounds near Graham on August 16th and 17th. The Guest of Honor will be Vic Clark, W4KFC, the First Vice President of the ARRL. The next weekend will be the Club's picnic and camp-out at Westport.

The Ladies Auxiliary finished quilting a beautiful quilt which will be raffled off at Hamfair-75. 35 members of the Quarter Century Wireless Association visited the Club's museum. Everything was in order with cards identifying all the artifacts.

W7DK HF Station

de Brian, KA7KUZ

Well, here it is the end of July and I've just got back from a 10 day vacation. My vacation started out with a journey to the Glacier-Waterton hamfest in Glacier National Park in Montana. The Glacier-Waterton hamfest is supposed to be one of the oldest hamfests in the country and brings together amateurs from Montana and Alberta. This had to be one of the better hamfests I've ever been to. The hamfest is mostly dedicated the social gathering of hams rather than a flea market or programs. An area of approximately 6 football fields was dedicated to the parking of RV's, campers, tents and the shelter for the hamfest. The flea market was scattered throughout the RV's and usually off someone tailgate or hood. The prices for the items were very reasonable (a $10 variac followed me home through the remainder of the journey) What impressed me the most was the down home friendly nature of all the folks there. Everyone said hello and almost everyone invited me into their RV or camp to talk just about anything. Seminars and information sessions were held on Friday and Saturday, a Pet Parade on Saturday afternoon, and a barbecue Saturday evening. All of this took place just a few miles from the continental divide. If you get a chance to attend this hamfest and are not afraid of camping out, it can't be beat for fun and the scenery is terrific.

From the hamfest we (myself, my xyl JM KC7DKH, and Dan N7QWH) turned north through Glacier National Park to Calgary. I had never been to Montana or Alberta and it was nothing short of fantastic country. The "Going to the Sun Road" through Glacier Park provided spectacular views of the Montana Rockies and the highway to Calgary provided a great perspective of the western Canadian prairie. From Calgary we traveled to Banff and Jasper National Parks in Alberta where views of the Glaciers and mountains were absolutely spectacular. What made the trip worth while were the amateurs that we meet along the way. Most of the time Dan and I communicated between vehicles via 2 meters on 146.52 and periodically invited any amateurs who were listening to join in. I was surprised at the number of amateurs who were listening and would join in when invited. We met many new amateurs along the way and most provided helpful directions or instructions to make our journey a little more pleasant.

My heart had to go out to Peter, VE7AWN of Golden, British Columbia. Peter is one of three hams in Golden (the other two are not active). He patiently monitors 146.52 for amateurs who might be traveling through Golden. As luck would have it we were near Golden about lunch time and had a very enjoyable lunch with Peter and his xyl Denise. Peter is working to get the code down to upgrade his license for HF privileges and someone is planning on putting up a repeater in his area that may link into the BEARS system. It's gotta be tough being the only amateur in town. Best wishes Peter and many thanks for the hospitality!

Toward Kelowna we met Denny, VE7ASY. After a long discussion about some of the great gold panning in the area he was a great help in finding us lodging for the evening. Denny provided us with some great advice on some of the camp sites in the area and when those were full for the evening he helped us track down some lodging for the evening. Although I didn't get to finish my QSO with him we can expect to meet him at the W7DK flea market. Denny has been known to visit the W7DK flea market and other Pa Northwest flea markets.

This was my first trip where I traveled outside the and extensively used amateur radio on the trip. If any of get a chance to get out of the area try working 146.52 for amateurs. I'm sure there are plenty of people out there want to talk to you and tell you about their part of the w My only regret on this trip is that I didn't have an HF make a few CW or SSB contact. A special thanks to VE WA2DVD, WA7OEM, VE7OBD, VE7AWN, VE7 VE7TYL, and WA7ZEV for making this trip special. -73-

Field Day 1995

de Brian, KA7

Field Day 1995 is behind us and for the Radio Clu Tacoma it was a smashing success. W7DK operate racking up a total of 7044 points. If last years scores are indication of scores for this year, W7DK will be taking place in the 8A category. Stay tuned in November wher ARRL will publish the results.

The highlight this year had to be that the ladies had own station: 20 phone. The ladies brought in an amazing contacts in the 24 hour period. The ladies made the contacts per station for field day. A special thanks to Ma and crew for all their work in keeping the station going still getting the food on the table. **A TERRIFIC JOB!**

Jerry, W7BUN, Roger, N7AYC, and Kathlene, N0 operated the 80 phone station. After a few problems wit antenna they got going bringing in whopping 475 cont They did an outstanding job even during the day wher band is slow!

Eric, N7EPD worked 20 CW and 80 CW and did a te job of making those tough CW contacts. We did experier bit or QRM between the 20 CW and the 20 phone station with Mike, KB7ZDR's help we got past most of interference.

Harry N7DOE and Les KA7MYU operated 10, 15 an meter phone. They got a great 10 meter opening that stacked up the points.

Worth Gurley W7WG and crew worked 40 CW racked up the points even when the band should have slow.

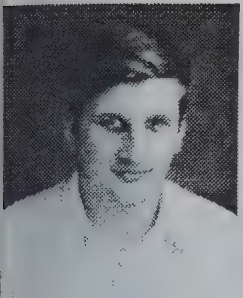
David WB7AUJ and Don Olson AB7DS worked 10 an CW. Although the bands were not hot they did mana make a respectable number of contacts.

Russell, KB7UXP and crew did an excellent job of ma packet contacts and did manage to get extra point passing messages and generating a message from the W Field Day site.

Dan, N7QWH and crew generated numerous 2 mete and SSB contacts as well as a few 440 MHz contacts.

All in all Field Day 1995 was an outstanding suc The weather was perfect and the support for getting the off the ground was fantastic. I want to thank all you helped in the myriad of ways to insure that the event w success. When field day was over, more than 50 members had helped in one way or another to make th success. Be looking toward Field Day 1996. I'll be chairperson and we are going to get things started in the few months to make sure we are ready to go for next **Thanks for making Field Day 1995 a Success! -73-**

Jennings corollary to the law of selective gravity: "The char bread falling with the butter side down is directly proportio the value of the carpet.



Field Day 1995

de Mike, KB7QOP

Friday, June 23. The tormenting heat of the noon sun beat down with callous indifference on the group of sweaty, thirsty amateurs who worked feverishly in the open field below. Shouts and hammer blows mingled with the drone of summer insects as towers and antennas began to take shape, hinting at the events to come. t was the beginning of one of amateur radios great events, and W7DK's finest had once again risen to the occasion. As someone who had never experience the set-up phase of Field Day, it was truly enlightening to see the amount of effort equired to ensure that things came together successfully. I aguely recall collapsing behind the 40 Meter CW tent in the niddle of the day and letting the cool shade comfort my exhausted body. There is no doubt left in my mind that Field Day is hard work. And, in retrospect, there is no doubt in my nind that it is all well worth it.

The attitude of everyone involved was reminiscent of our Mt. St. Helens Adventure. The people who came out to our Field Day were not interested in sitting around drinking beer and enjoying the nice weather. They came out to pull together and make things work, at whatever cost. One of the primary urposes of Field Day is to help prepare for emergency ommunications in the field. Anyone who had the privilege to ee W7DK at work should be confident of our ability to excel when we are needed in an emergency. After seeing everyone ut their hearts into making this year's Field Day a success, he knowledge that we are indeed becoming a club of edicated and prepared amateurs is further underscored.

I do not say these things lightly. I, along with many thers, was proud to be a part of this year's Field Day because saw it all first hand. Nor do I wish to convey the impression hat this year's event went smoothly and without hitches. That, fact, is not at all the case. Many, many important decisions, or whatever reason, were not made until the last minute. ems such as shelter, station layout and other essentials were lmost ignored for certain operating positions. There is a lot e can do to improve, and next year's plans are already nderway. The fact that we had problems, however, is an even reater testament to the skill of our people in making Field Day 995 a success.

One of the great achievements this year, that I saw, was e operation of the 20 meter SSB station. Operated by 7DK's ladies group for the first time, the dedicated women of ur club really put on an inspirational show, especially onsidering the lack of contest experience by many of the perators. I'll never forget staggering off to bed at 4:30 AM om the 80 meter CW station and seeing Judy, AJ7R and arilyn KJ7BN, huddled down against the chilling cold and still oing at it on 20 meters. The results of this dedication were mpressive: 20 phone racked up the largest number of ontacts out of any station at Field Day. My hat's off to the dies.

The sights and sound of this year's Field Day are ones that I, like many others, won't likely forget. The number one thing that really ade the entire event special is the fact that it was so much *fun*. It is sy, perhaps, to become so competitive that the enjoyment of being part of something so unique can be lost. I am happy to say that this not, in our club, something we need to worry about.

If you did not get the chance to be a part of Field Day this year, art planning now! I am delighted to have been asked to be a part of e Field Day planning committee for next year, and I can tell you right w it will be our best Field Day ever! There is no better opportunity come be a part of Radio Club of Tacoma history. I'll see you there.

In Retrospect

de Mike, KB7QOP

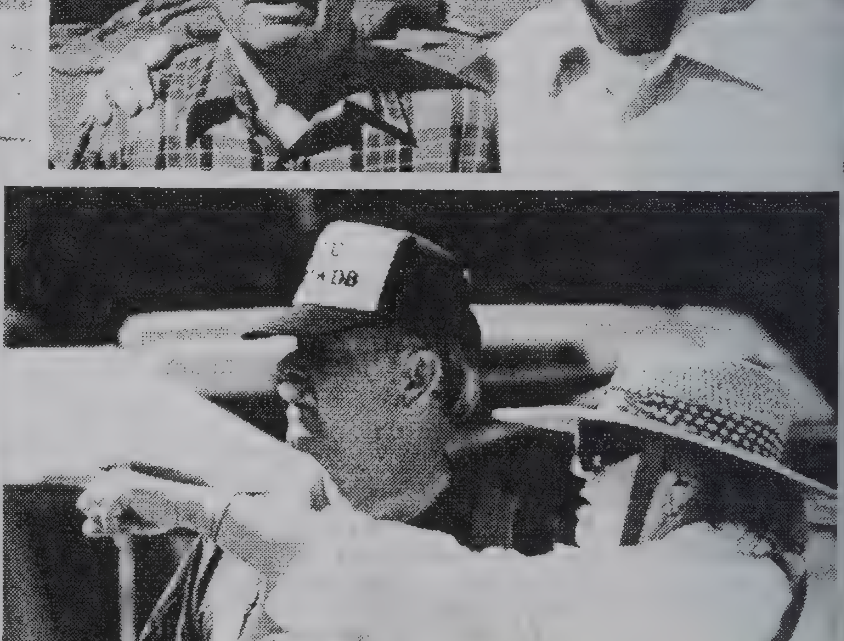
Looking back upon the first half of 1995, the achievements of the Radio Club of Tacoma are impressive and inspiring in a way that is distinctly new to my amateur radio experience. In the 2 and 1/2 years since I have been a club member, I do not recall seeing the same level of energy and passion for new challenges which is so prevalent today. From the success of the Mt. St. Helens DX-Pedition to the hard work of our Missouri Project volunteers, from W7DK At The Beach to Field Day, this club has set a new standard in serving its members with a fun, educational and exciting agenda of activities and experiences that will not soon be forgotten by their participants. And we're just getting warmed up. By the end of the year we will have made another DX-Pedition type of trip and handed out contacts from a remote and rare county in Washington. We will have operated more contests, been to more antenna parties and picnics, had a successful Flea-Market and worked the Puyallup Fair. We will have seen the completion of one of the most ambitious Amateur Radio projects in Northwest Washington history: the USS Missouri Project. And we will do it all with a style and optimism that is quickly becoming the trademark of the Radio Club of Tacoma. It is a distinct privilege to be a part of this amazing organization, and I have no doubt that our increasingly active membership will continue to set new standards of excellence within the amateur radio community.

For a number of months now I have had the opportunity to try and help people in our club improve their ability with Morse Code, starting with the on-air code practice sessions Jim and I ran in the early part of the year and continuing with a series of articles in the Loggers Bark. It has been a great deal of fun and the response has been overwhelmingly positive. As the year progresses it is my hope that people within our club will continue to try new things and improve their current abilities: from CW to our new Digital techniques, there are countless opportunities to evolve within the hobby. I would like to take this time to encourage *everyone* who has not had the chance to get involved: plunge right in and go for it! For every member who comes out and participates in our various events there are many others who do not. As someone who has been able to get out and experience what being a radio club is truly all about, I can testify that these individuals are missing out on one heck of a time.

In past articles I have stressed the importance of getting on the air and operating with CW as an invaluable method of improving code speed. One obvious challenge to some club members is the lack of HF equipment, and privileges, at home. As a club member, however, this doesn't have to be an issue for you! If you want to work HF and have never taken the time to come out and operate the club station, you have overlooked what is apparently the best kept secret in this club. I am continually amazed at how few people actually go use our station. With the club house regularly open, and with control operators continually present, on Saturdays, that Omni VI is just begging to be used. Why not come work a little code some weekend, and see just how quickly your speed can pick up? Also, the contest season is getting underway and in the fall annual events like Sweepstakes and the Hiram Percy Maxim Birthday celebration give our club an opportunity to get on the air and compete with other clubs throughout the region. It won't happen, however, without more active participation from our club members. If you have never tried a contest, and I speak as someone who is by no means a "contestor", you are missing out on a thrill that has few equals within amateur radio. Come out and try it! This is especially true for our large population of Technicians, where casual contesting can make a great introduction to HF operations and is a wonderful primer for Field Day. It is not unusual, by the way, for an operator's CW speed to increase by as much as 5 WPM between the beginning and end of a contest. Try it!

The bottom line is this: our club is going places, and it is going to continue to do so. As long as the enthusiastic participation of our members continues to motivate us to dream up new challenges and tackle new problems throughout the year, we are well on our way to achieving new goals with each passing day. It would be an understatement to say that we are making history within this club. Come be a part of it.

Faces of Field Day 1995



Wait a minute... is this legal? Operating without a computer??

Wil Steklenburg - N7AZN
In Remembrance
7/16/1920 - 6/24/1995 - RCT #935 - joined 9-12-1979

I have known Wil for about twenty years. I met him as a CBer when he was issuing 42 Whiskey and Sidewinder numbers. The first eyeball I had of him was at his place in Bonney Lake. He directed me there by radio and was standing out in front of the place directing me in. We both gave up CB and became HAMS in 1978. I made Advanced but Wil had all the DXing he wanted as a CBer and, try as I could, I could not talk him into getting his General license. We talked on the radio almost every day. He was particularly irked when an old timer from the Radio Club of Tacoma told him he didn't think N7 was an official call and that he wasn't a Ham.

Wil and I were very close and he confided in me most of his personal problems. Ollie was a great comfort to him, but also a great challenge with her diabetes. With his medical knowledge, he prolonged her life for many years but it took a toll on his.

He was proud of his children. He was proud of Nancy going up through the chairs and I don't think he missed a meeting. He enjoyed the telephone chats he had with the boys even though it was during the time he was usually on the radio. He was known by many as the Mayor of Bonney Lake.

I visited him several times when he was working in the Barber Shop in Summer and he always insisted on practicing on me if he wasn't busy. He gave away a lot of haircuts to older men. He substituted for some barbers when they were sick. He was always concerned about the older people and made up baskets for them at Christmas.

He always made his views heard. He ran the RV parking lot for the Radio Club of Tacoma's Hamfest for several years. He and Charley made antennas which the Club sold to raise money for the Scholarship Fund. He earned the respect of the BAW FAW Repeater Group by raising money to support the Repeater and organizing the annual picnic.

His marriage to Elva was a spark in his life and they had a great time traveling around. They had their annual picnic in Woodland and invited relatives and friends alike to join. He also worked very hard to keep his High School class together. Elva's passing left a great void in his life which he tried to fill during his remaining days. Mickey helped him fill this void but I can't help feeling it was both a pain and a comfort to him as she was so much like the one he lost.

Wil was a friend to all and there were very few people he ever acknowledged disliking. He will be missed by all who knew him and of him.

de Bill Stalder N7BAA

Ray Etherington - W7FNC
In Remembrance
10/21/1910 - 6/25/1995 RCT #757 - joined 4-14-76

It is with deep sorrow that I must report that Etherington, W7FNC, has passed from our midst. Ray a good man. He was kind, gentle and always willing to a helping hand. He and Doc Spike, who sponsored F membership into the Radio Club of Tacoma, wo countless hours on our W7DK museum, making it one o best in the country.

Ray worked many years as a Power House Operat Alder and LaGrande Dam power stations prior to retirement in 1975. His QSL cards depict a photo o structure.

When he was able, he attended meetings of the R Club of Tacoma. A few months back he receive standing ovation for his long term performance for the cl

Ray has been a member since 1935. He has wo on nearly every type of radio project from giant rhombi antennas made of wet string.

Ray was very active on 80 meters and made fri with everyone who knew him. He was a builder of r ham projects. He was an antenna specialist. At times had an interest in DX. He was an all around ham. He h real love for the National HRO 5 Receiver. I once a him if it was good. He said, "It sure is. It works as goo the day I bought it and I haven't turned it off in 40 years".

We are honored to have the HRO 5 as part of W7DK museum.

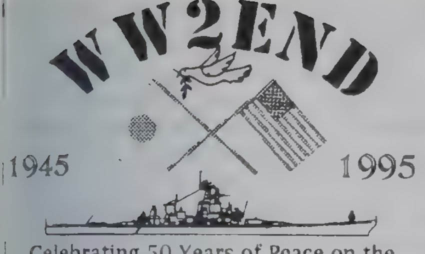
How can you sum up 60 years of support, assista and friendship to our association? I believe these w describe this gentlemen: "Ray, you were the best".

Your splendid work with the Radio Club of Tacoma never be forgotten.

Thanks, Ray.

de Jim, K7YLM

Character is what you know you are, not what others think are.



Celebrating 50 Years of Peace on the Battleship Missouri September 1-2, 1995

Missouri '95

de Lorna, KB7YTJ

Practice for the WW2END Special Event Station took lace during the 1995 Field Day. Many of those that articipated in Field Day operations were also preparing for pecial Event operations on the Battleship MISSOURI. Most f the MISSOURI operators were able to sharpen their radio echniques and get checked off for the On-Board roster in reparation for WW2END. Handling voice pile-ups and quick gging procedures will be in order when working the Special vent Stations. This type of dense traffic was demonstrated t the RCT July 12th General Meeting by the guest speaker, IISSOURI Project Manager, Tom Sanders. Many Project etails were discussed and July support meetings were nnounced.

The On-Board Operating Schedule is completed. All RCT perators that turned in a Project data sheet have been cheduled. For current listings of the operating schedule, ontact: Lorna Nelson, KB7YTJ; Mike Treit, KB7QOP; Alan ughes, KB7SVU; Matt Amis, AA7LP.

Official operating times are September 1, 1200 local 900 UTC), through September 3, 2000 local (0300 UTC, ept. 4).

For many of us, WW2END begins in mid August with set-p and training. The new ICOM stations will be available for view at the RCT Swap Meet, August 12th. Installation of ntennas on the ship is scheduled to begin August 24th. This cks off a full week that includes station set-up and quipment installations. During that time, scheduled perators may become familiar with new station equipment nd On-Board procedures under the direction of Matt Amis, A7LP. The Support crew headed by Alan Hughes, KB7SVU, ll be installing antenna equipment and station rigs.

WW2END promotional memorabilia is now available. hanks to Sue Baldwin, KC7AVS, and Val Baldwin, N7VGO, nique design T-shirts and hats representing this great event e being sold to generate financial support for event QSL's nd operational costs. T-shirts are $17 (incl tax), up to XX-arge. XXX-Large is available at $18. Hats are $10, and atches are ordered. Contact Tressie Hughes, KC7BAL, or orna Nelson, KB7YTJ to place your order.

MISSOURI Project meetings scheduled for the month of ugust include:

Project Team Leaders, Aug. 5th at the RCT ubhouse, 2:00PM.

Each Tuesday night at 8:00PM, immediately llowing the Radio Club of Tacoma Net, the MISSOURI Net held on the Mike and Key Repeater, 146.82MHz. The epeater currently has a 103.5 tone access. Please check in nd join the Net, ask questions, learn about the event details they are announced.

AMSAT North America is building the Phase-3D acecraft in Orlando, Florida.

Amateur Radio Exams in the Puget Sound Area as of June 26, 1995

1st Tuesday - 7 PM - Puyallup South Hill Library, 15420 Meridian East, Puyallup - Contact Mike Horbul, KI7YB, 845-2545, Puyallup - **[Note: No Exam In July!]**

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, Kirkland - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 10 AM - North Seattle Comm. College, Rm 3343, 9600 College Way N. - Contact Mike Mitchell, W7WHT, 282-1438, Seattle

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, Kent - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

2nd Tuesday - 6:30 PM - Everett - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd & 4th Thursdays - 7:00 PM - Ft. Lewis Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - Tukwila - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - Auburn - Fire Station, 1101 D St NE -Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - Ferndale - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - Renton - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - Sultan - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - Montesano High School - Pearsall Center, 2109 Sumner Ave - next session - May 20 - Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - Stanwood - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - Everett - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - Marysville - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4th Saturday - 9:30 AM - Bremerton - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - Olympia - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

August 12 - Saturday - 10 am - Radio Club of Tacoma Flea Market, Charles Wright Academy, 7723 Chambers Creek Rd W, Tacoma WA - Contact Jerry Seligman, W7BUN, 845-7652, Puyallup

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

3rd Thursday - 7 pm - Packet meeting at the clubhouse.

RADIO CLUB OF TACOMA, INC.
MINUTES FOR REGULAR MEETING
June 28, 1995

The meeting of the Radio Club of Tacoma was called to order by President Jim Kirkreit, K7YLM, at 7:30 PM with 69 members and 4 visitors present. A quorum was present for conducting official business.

MEMBERSHIP: There are 484 members as of this date for 1995.

MINUTES: Previous minutes were available at the front of the room.

TREASURER'S REPORT:

GENERAL FUND CHECKING	158.43
REPEATER FUND CHECKING	1,466.92
PACKET FUND CHECKING	377.94
FLEA MARKET CHECKING	1,723.32
MONEY MARKET SAVINGS	10,854.20
SCHOLARSHIP WORKING FUND	600.00
SCHOLARSHIP MEMORIAL FUND	2,599.98
CASH ON HAND	268.00
TOTAL ALL ACCOUNTS	$18,048.79

UPGRADES: Joe, KC7LJ, upgraded to extra class and Bob, KB7NBQ, upgraded to extra class.

USS MISSOURI RADIOS FROM ICOM AMERICA: Ralph, KA7FIG, announced to the group that Pat Wormley from ICOM America has given us radios to use for the USS Missouri Project. In addition, these radios will be given to us prior to our Flea Market on August 12 so we can use them at that time for a training session. Jim, K7YLM, said we will be having a "show and tell" at the Flea Market with all types of ham radio communication, including Packet, AMTOR, HF phone, CW, etc.

HEALTH & WELFARE: Marie, KA7HEG, is experiencing some health problems. Also, Phil G4UFH, our friend in England, had surgery but is doing well at this time.

SILENT KEYS: This past week we lost Ray Etherington, W7FNC, a long term member of the Club, and Wil Steklenburg, N7AZN, also a long time member of the Radio Club. A moment of silence was observed.

HINTS & KINKS, TUNING & TRAFFIC: Jim, K7YLM, passed out a reprint on "The 23-Foot Indoor Antenna".

Jerry, W7BUN, said that Pat Wells, WA7UNF, a long time club member who lives in Olympia, has a R390 receiver and needs someone to help him align it and check it out.

Also, there is a special event station operating from the Coast Guard ship Eagle, a full rig sailing ship, along the east coast on 30 June through 5 July, 1995. The ship's MARS call will be NNN0NCJ. There will be QSL's for this.

NEW PROGRAM CHAIRMAN: Bill, W7GBC, has taken over the position of program chairman, recently vacated by Alan, N7EAY. Bill has some good programs coming up on soldering, antenna projects and global position systems.

PROGRAM: Jim Brown, WB7DPM, spoke on some very unique methods of antenna and tower construction and erection. A friend of Jim's, Bill Guimont, W7KW, in Arizona envisioned putting together five towers, one for each of the bands, so everyone in the area could come and enjoy them. Safety was stressed, using hard hats, proper climbing gear, etc. To put up the yagis on a guyed tower was not a simple task but the method chosen was via use of a hot air balloon. This endeavor needed about 50 to 75 people, 10 people on each tether. Jim showed many beautiful colored slides of the operation and it was fascinating watching a yagi float through the air. This event took place in 1977 and was featured December cover of CQ magazine.

SCHOLARSHIPS FROM AROWS: Marilyn, K announced that AROWS will be awarding two scholarships at the July 26, 1995 meeting. Any club m or child or grandchild of a club member who is cont his/her education at a junior college, college, univers trade or vocational school should send an applicati AROWS, following the instructions listed in the July AR column in the *Logger's Bark*.

COOKIES: Jim, K7YLM, thanked Marilyn, KJ7BN, and AJ7R, for the cookies for tonight's meeting.

SPECIAL "THANK YOU": A few of the ladies who op the 20 Meter Phone station at Field Day: Marilyn, K Nora, KC7JME; JM, KC7DKH; and Judy, AJ7R, g special thank you to Brian, KA7KUZ, their mentor; KB7ZDR, who kept their radio going; and Lou, KB7WDE gave special instruction and assistance to the assembl disassembly of the antenna and tower.

LICKEM STICKEM *BARK* PARTY: Shirley, N7 announced there would be a *Bark* Party Thursday, June the RCT clubhouse at 10:00 AM. She especially invite new people to come and be a part of the process of p out the newspaper.

RACES/ARES: Shirley, N7QHW, announced there w two more functions to support before they wind down f summer: one is the 4th of July celebration at Orting, they still need help; the other is the Tour de Pierce, wh Sunday, July 9, and lots of help is needed throughout County for that. She also stated there have been sea recently that have been successful.

USS MISSOURI PROJECT: Tom, W6QJI, spoke t group on the progress of this activity. On board sy manager, Matt Amis, AA7LP, will be giving a full report June 8 meeting at RCT clubhouse. Tom and Alan, KB7 met with the Navy regarding antenna sites on the shi have their full cooperation. We have arrangements for radios and yagis coming from Force 12, one to be mo off of the aft gun turret. We will board on the 25th of A and install and probably start operating on PM August 31 PM on the 4th of September or exhaustion, whic happens first. We are not yet fully filled on the rost you're interested, call Lorna, KB7YTJ. We will be operat two shifts, four to five rigs, all bands, all modes. There w a general meeting for all involved, location to be annou on July 29, at 1400 hrs. Also, there are still T-shirts for s

CORRESPONDENCE: We received a press release an from Tucson Amateur Packet Radio, regarding the ARRL Digital Communications Conference to be September 8-10, 1995 in Arlington, Texas. Anyone inter is invited to submit a paper for publication in the Confe Proceedings.

AROWS: The monthly AROWS meeting will be held o third Wednesday, July 19, at the RCT clubhouse at 7:0 They will be discussing the plans for the concession a Flea Market. All are invited, licensed or not, young or o in between).

NEW MEMBER CERTIFICATES: A new member certi was issued to Dale Carlson, KC7LZI, and were availabl Leon Peters, KB7CAX and Steve Sorensen, KC7KWP.

FIELD DAY REPORT: Brian, KA7KUZ, announced tha category was 8A and, from the looks of things, we'll pro score well and may even take first place in that category. ladies got 495 contacts on 20 meter phone, and W7BUN, and his group on 75 meter phone, had 473 con and log sheets continue to come in for the other stat Contests coming up soon are Islands On The Air (IOTA the Washington State QSO Party in September, which we may even enter via a DXpedition to Wakiakum County, a rare county much sought after by county hunters.

RCT PACKET STATION: Jim, K7YLM, said that the RCT packet station is running very smoothly. He is putting ogether a steering committee to make decisions on the direction our packet station might take in the future and then a survey will go out to the members for their input. Mark, KC7FCC, is the new chairman for this committee.

ADJOURNMENT: The meeting was adjourned at 8:50 PM.

Respectfully submitted,
Judy, AJ7R, Secretary

RADIO CLUB OF TACOMA, INC.
BOARD MEETING
July 5, 1995

The Radio of Club of Tacoma Board of Directors meeting was called to order at 7:30 PM by President Jim Kirkreit, K7YLM. There were nine board members and twelve guests present. A quorum was present for conducting official business.

TREASURERS REPORT:

GENERAL FUND CHECKING	1,093.30
REPEATER FUND CHECKING	1,466.92
PACKET FUND CHECKING	377.94
FLEA MARKET CHECKING	1,723.32
MONEY MARKET SAVINGS	9,854.20
SCHOLARSHIP WORKING FUND	600.00
SCHOLARSHIP MEMORIAL FUND	2,599.98
CASH ON HAND	20.00
TOTAL ALL ACCOUNTS	$17,735.66

RCT STANDING RULES: Jerry, W7BUN, requested the Board delay any action on the Standing Rules until the next oard meeting. Shirley, N7QHW, said she felt the Board members had had enough time to prepare their views and she would prefer action be taken at this meeting, as she would not be able to attend the next meeting. It was agreed to delay action until the end of tonight's meeting.

SEMI-ANNUAL RCT FINANCIAL REPORT: Jerry, W7BUN, ave members of the Board copies of the Six Month Report of Radio Club of Tacoma's finances. Jim, K7YLM, asked Jerry what items in this report increased our expenditures and if he ad any recommendations. Jerry said expenditures have not increased as much as income has been below the projections in our Annual Budget and donations have been down and he dvised we should be careful of capital expenditures in case f the need for major repairs on the clubhouse, etc.

***OGGER'S BARK*:** Ralph, KA7FIG, announced that, since Rick, N7BCV, is resigning his position with the *Logger's Bark* t the end of the year, the Board needs to consider that we eed someone with scanning capabilities.

Ralph, KA7FIG, also stated he needed a photo of Will Steklenburg for use with his obituary in this month's *Logger's ark*. Judy, AJ7R, said she would take care of this.

Jim stated he will be writing an obituary for Ray therington, at the request of his widow.

Ralph, at this time requested that, to standardize the matter of obituaries for the *Logger's Bark*, someone make a motion that we devote up to a half a column to a single bituary. Mike, WB7DFQ, so moved. Mac, W7MSR, econded the motion. After some discussion Mike withdrew is motion and Mac withdrew his second. It was agreed that the Board would support Ralph's decision, as editor, as to ow much space each obituary could take.

ACKET RADIO: Jim, K7YLM, stated that he is appointing a mall advisory board to determine the short and long term oals for packet and digital communications within the club. questionnaire will be sent out to the membership. At that me, the Board will act on this information. Jim, said that Mark, KC7FAA, is chairman of digital/packet communications at this time. Jim said he was very grateful for the hard work of George, WA7BHH, and advice of Kirk, W7GCI, but, since both of them are experiencing poor health, they will now act in an advisory capacity. One of Jim's suggestions is for trial use of a modem for our BBS. Mac, W7MSR, also volunteered to donate a CD ROM.

AUDIT FOR RADIO CLUB OF TACOMA: Ray, W7KFN, has volunteered to do the annual audit for the Club, but he has requested two additional people to help. Jim, K7YLM, announced Don, K7QLC, has agreed to assist him and Jim is looking for one more person to join them.

CLUBHOUSE PARKING LOT: Jim, K7YLM, asked Alan, N7EAY, if he had looked into our options concerning our parking lot being used for dumping, junk cars, etc. Several options were discussed and Jim, K7YLM volunteered to contact Doug, AJ7Y, regarding legal actions we might take.

CLUB PATCHES FOR RCT: Jim, K7YLM, asked Alan if he has followed up on his offer to research patches and decals with the Radio Club of Tacoma logo on them. Jerry, W7BUN, suggested we question the membership at the next meeting to see how many would be interested.

RADIOS FROM ICOM: Ralph, KA7FIG, said that Pat Wormley stated that ICOM has offered to donate radios for use on the USS Missouri. In addition, these radios will be available to us starting August 7 for training and for display and use at our Flea Market by licensed, registered amateurs.

FLEA MARKET: Jerry, W7BUN, said he is concerned that not enough is being done to publicize our upcoming Flea Market. He felt more flyers should have been sent out. Alan, KB7SVU, said all the vendors he spoke with last year were pleased with our new location and flyers were sent to all radio clubs in Washington and Oregon and twice the number of flyers used last year have been distributed at ham fairs and vendor locations. Also, we have a PR person this year assigned to advertising in newspapers, magazines and on radio and TV. Jerry, W7BUN, also suggested we provide a sign-up book at the Flea Market so we can collect a data base for future hamfairs. Shirley, N7QHW, volunteered to take care of this.

Marilyn, KJ7BN, said she hoped Alan, KB7SVU, would see to it that there would be enough power available for the concession area at the Flea Market. Alan assured Marilyn this would be taken care of. Also, there will be water available for their use.

CLUB ROSTER: Jim, K7YLM, asked when we would be providing a new club roster. Jerry, W7BUN, said now that we have so many members and the cost of printing is so costly, perhaps we could charge $1.00 per copy.

CORRESPONDENCE: An announcement was read from the family of Will Steklenburg of a memorial to be held in his memory at Renton Bible Church on Saturday, July 15, 1995, at 2:00 PM. In lieu of flowers donations to the American Red Cross were suggested.

A letter was received from University of Missouri offering a correspondence course for novice or technician class. Information regarding this independent study course will be posted on the bulletin board at the clubhouse.

SPECIAL EVENT STATION: Brian, KA7KUZ, said he has gotten quite a good response regarding doing the Washington State QSO Party from Wakiakum County on September 24 and 25 of this year, so he will do some research on this project .

220 REPEATER: Mac, W7MSR, said the 220 repeater is up and running and has achieved considerable improvement in technology. Within the predictable future it will have a phone patch on it and it will have a 440 2-way link with KI7VM/R in

Snohomish. Jim, K7YLM, asked Mac to give a talk on this repeater at a future meeting.

RCT 147.28 REPEATER: Mike, WB7DFQ, told the Board that the recent problem with the club repeater was repaired by Mike, KB7ZDR, when a cold solder joint was discovered. Mike said he published the outcome of the repeater questionaire in the *Bark* and he will gather together the repeater committee, which will put together plans to pursue what the membership wants.

STANDING RULES: Jim, K7YLM, said he had several items he would like to see changed in the proposed Standing Rules. Shirley, N7QHW, said she would be interested in hearing Jim's suggestions but didn't feel they should be acted upon tonight since some of the board members have gone home.

Suggested changes that were agreed upon were:

In Section 4., FIELD COMMUNICATIONS, delete all words following the words "emergency conditions".

In Section 5., FIELD TRAINING, change the words "such as" to "similar to" and drop the word "climactic".

In Section 6., COMMUNICATIONS SYSTEMS, this section will begin with the words "The Club will support UHF/VHF repeaters." The words "Pierce County Emergency Services" will be dropped and replaced with "911".

In Section 8 A., DOC SPIKE INSPIRATION AWARD, change the words "in the memory of the Club's founder" to "one of the Club's founding fathers" and drop the word "the" after "who best inspires".

In Section 8 D. SILENT KEY MEMORIAL BOARD, change the words "listing all deceased and former club members" to "listing all deceased current and former club members".

Brian, KA7KUZ, said he felt the Loggers Contact rules should be included in the Standing Rules. Shirley, N7QHW, also suggested this information should be included in the Membership Pamphlet.

Brian also asked how we were going to get the Standing Rules to the club members. Mac, W7MSR, asked if the club was a democracy or a republic? Brian said it was a democracy and Mac said it was not. Mac said he doesn't like the way the club is going because it's becoming a democracy. Brian said the members have a right to see what the board is doing. Judy, AJ7R, stated that in her cover letter to the membership, when sending the Bylaws to be voted upon, it said the Standing Rules would be refined by action of the Board and would be published in the *Logger's Bark* in the future.

TRAINING EQUIPMENT LOANS: The Training manager, Bill, W7GBC, and the HF Station manager, Brian, KA7KUZ, will coordinate to itemize a list of equipment available for loan.

DOC SPIKE AWARD: Brian, KA7KUZ, said he would like to see an outline of the procedure used for choosing a recipient for the Doc Spike Award listed in the Standing Rules.

RCT GIN POLE: Mac, W7MSR, asked if the club owns a gin pole designed for Rohn 25. Brian, KA7KUZ, said he would look into this matter.

ATTENDANCE: President Jim, K7YLM, Vice President Bill, W7GBC; Secretary Judy, AJ7R; Treasurer Jerry, W7BUN. Board Members: Shirley, N7QHW; Mac, W7MSR; Brian, KA7KUZ; Mike, WB7DFQ; Alan, N7EAY. Guests: Marilyn, KJ7BN; Al, KC7DDA; Ralph, KA7FIG; Don, N7AUJ; Alan, KB7SVU; Marcus Hughes; Joey, KB7UXC; Mike, KB7ZDR; Carol, KC7AZN; Dick, W7RGD; Rob, K7TGU and Jerry, K7ETU.

ADJOURNMENT: The meeting was adjourned at 10:10 PM

Respectfully submitted
Judy Kirkreit, AJ7R, Sec.

RADIO CLUB OF TACOMA
MINUTES FOR REGULAR MEETING
July 12, 1995

The meeting of the Radio Club of Tacoma was cal order by President Jim Kirkreit, K7YLM, with 69 member 8 visitors present. A quorum was present for cond official business.

MEMBERSHIP: There are 488 members as of this da 1995.

MINUTES: Previous minutes were available at the front room.

TREASURER'S REPORT:

GENERAL FUND CHECKING	88
REPEATER FUND CHECKING	1,46
PACKET FUND CHECKING	37
FLEA MARKET CHECKING	2,06
MONEY MARKET SAVINGS	9,85
SCHOLARSHIP WORKING FUND	60
SCHOLARSHIP MEMORIAL FUND	2,62
CASH ON HAND	2
TOTAL ALL ACCOUNTS	$17,90

HEALTH & WELFARE: Phil, G4UFH, is now out hospital in England and will return as soon as he gets a bill of health. His packet station is now up and running s can contact him that way.

HINTS & KINKS, TUNING & TRAFFIC: Val, N7 contacted Croatia on his vertical. Lorna, KB7YTJ, and KB7UXP, also contacted them on their G5RV. M KJ7BN, and Don, AB7DS, both contacted Malta. W7QJI, contacted a 4S7, Sri Lanka on 20 meters. K7YLM, worked a mobile VK4, while he was operating m Brian, KA7KUZ, contacted Macedonia on 30 meters. two meters was open and people contacted Hawaiian stations and Japanese stations. David, WA7AUJ, op the IARU contest and one of his contacts was Antarctica. Bob, N7QOZ, shared that he had received cards from Kuwait and Bosnia, among others.

Jim, K7YLM, passed out a reprint on telescoping v flexible antennas for HT's, and tips for bending dipoles.

FRANK BEAL MOSSMAN: Jim, K7YLM, said he re received some momentos from the son of Frank Mossman, one of the founding fathers of the Radio C Tacoma, including his original license, which, at that tim issued from the Dept. of Commerce. He also showe passed around a photo of the members of the Radio when it was only three or four years old taken at Stadium School. Among his donations was a QST from 1920, s that the Radio Club of Tacoma was founded in Octo 1915. Jim said that makes our club 80 years old in O and he will plan a celebration of this. Jerry, W7BUN, sa radio club was the second oldest in continuous ope during both world wars.

USS MISSOURI PROGRAM: Tom, W6QJI, Chairman Missouri Project, gave us some history on how this p evolved with the North Kitsap Amateur Radio Club. Jewitt, KG7HK, came up with the callsign WW2END. petitioned the FCC for the call. Originally the call approved under the new vanity callsign program; ho due to delays in this program, we will still be able to use probably in connection with the Club Callsign.

He walked us through what we could expect onboa Missouri during our two-hour operating slot. We will n arrive 30-45 minutes prior to our time slot at ope headquarters to pick up a packet containing the statio pencil and scratch paper. Then, each team of 20 peop be assembled to be escorted onboard. Matt Amis, A onboard systems manager, provided a copy of the on perations roster. The roster takes care of 3 days of peration, Sept. 1, 2 and 3. It is Tom's hope that we can start arly on August 31 and go through to Sept. 4 to make more oom for people to operate. There are 60+ logging spots still pen on the roster.

Ralph, KA7FIG, has arranged with ICOM.to provide three 36's, HF rigs which are 6 meter capable, and one 828 for HF/UHF and satellite service. There will also be an Alinco X 70 probably used for operation on the main deck, with isplay board, for use for disabled/handicapped hams. There ill be two new yagis from Force 12; one a dual bander, with elements on 40 and 2 elements on 20, which will probably o up on top of the aft gun turret. There will be VHF/UHF ntennas from Hustler and Shoestring Antennas, a local ompany, will provide a quad.

Alan, KB7SVU, on board installation manager, says the avy has been very cooperative. Alan said he will need lots f help carrying all the equipment onboard. There will be a eeting at RCT Clubhouse Sunday, July 23, at 2:00 PM for l support people. Loading of equipment will start at 7:00 AM riday, August 25.

Mike, KB7QOP, and Brian, KA7KUZ, said training of perators is progressing nicely.

Tami Field has done a good job with public relations. We ill be on the Northwest Afternoon TV program talking about e project. CNN will be in town next week to interview us. apanese TV and press will attend. QST Up Front Photo is overing us in the September Issue. Radio World has an ticle with photos, as well as 73 and CQ having coverage. tarting Aug. 1 pressure will be put on the local newspapers get the story out.

We will document the entire program and all anecdotes, ctures, etc. should be given to Lorna, KB7YTJ, to be used in e future for a booklet.

Hal, W7EC, was asked to be antenna manager for the oject.

There will be a meeting for all who will be involved in any ay in the Missouri Project held at 2:00 PM on Saturday, July 9, at Trinity Methodist Church at 35th and F Street.

Also, the radios to be used on the Missouri will be vailable for hands-on training at the RCT Flea Market on ugust 12, 1995, and on August 19 and 20 for a special ommemoration of the return of amateur radio to the air after orld War 2.

Tressie, KC7BAL, Sales Rep. for the project, is handling e sale of WW2END shirts, as well as special "I operated" W2END shirts, for use only by those who operated or orked on the project in some manner.

EA MARKET: Alan, KB7SVU, said plans for the RCT Flea arket are progressing well. e've sold approximately 65 tables so far. He'll need lots of elp with setup and will start at 10:00 AM Friday, August 11. embers of Mike & Key will be assisting us. Jerry, W7BUN, id he needs more VE's. There will be accommodations for wer and water this year for the AROWS concession.

W STATE FAIR BOOTH: Kathleen, N0EYK, encouraged eryone to sign up for operation at the WW State Fair in uyallup. The fair will run from Sept. 8 to 24.

7DK BBS: The W7DK packet station is going well. There e new things on the callbook server, including birthdays, ate born, first license, etc.

7DK REPEATER: Mike, WB7DFQ, Repeater Chairman id that Mike, KB7ZDR, repaired the recent problem with the peater during the heat. They both are researching other ssible problems. He says there is a process to check your dio where you first identify, then key up and punch in a ngle digit and then the * sign. The repeater will then come and identify that number. This will prove to you that you are nearly full quieting into the repeater. He invited those interested in being part of the Repeater Committee to contact him.

HF STATION AND DXPEDITION: Brian, KA7KUZ, told us that the Washington State QSO Party is coming up the end of September. We are thinking of doing a mini-DXpedition to Wakiakum County, or somewhere in greater Cathlamet.

Brian also announced our total Field Day points this year were 7044. He feels we may even have a first place position for our category. He has offered to be the Chairman for next year's Field Day and will be needing a lot of help. He invites everyone to operate contests during the year which provides excellent experience for Field Day.

SEATTLE DX CONVENTION: Mary, W7QGP, announced the upcoming DX Convention to be held at the Renton Holiday Inn on July 22 and 23.

AROWS: Marilyn, KJ7BN, announced there are 8 days left to send in your application for the two $300 scholarships being offered by the AROWS. Tressie, KC7BAL, announced the next AROWS meeting on Wednesday, July 19, at the RCT clubhouse at 7:00 PM. All are welcome.

McCHORD AFB ANTENNA TRAINING SESSION: There will be an antenna training session and picnic in conjunction with the Air Force to be held Saturday, September 16, at Holiday Park on McChord AFB from 9:00 to 5:00.

ADJOURNMENT: The meeting was adjourned at 9:10 PM.

Respectfully submitted,
Judy, AJ7R, Secretary

The Radio Club Of Tacoma has another first August 12, 1995

Flea Market Training Stations

The Radio Club of Tacoma will have on line at the Flea Market site at ***Charles Wright Academy*** **every band** and **every mode** to be used on the **Mighty Mo,** on loan by our **friends from ICOM.**

This training station is available for every ham in the Puget Sound basin

Control Operators will be on hand to help with everything from an **ICOM-736** to an **ICOM-820**

The only two requirements are:

1. You have any Amateur License
2. You are registered at the Flea Market.

Something to live by: "I have never been so discouraged that I couldn't lose myself in the thought of a new idea."

January 1903 the first transatlantic radio broadcast was made.

Challenge: Accept the challenges so that you may feel the exhilaration of victory

Goals: Obstacles are those frightful things you see when you take your mind off your goals.

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ALAN ALLEN, at 475-74
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August 1995

W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1 147.28 NET 7:30 PM ---------------- #JIM'- N7RUL # JOHN-KB8MAU	2 Board Meeting Club House 7:30 pm. # RENE' SMITH #BOB' KB7TQA # ROBIN-WA7BRI	3 # WILMA PARKINSON	4 #PHIL'- W7PFZ	5 *SPOKANE HAMFEST*
6 *SPOKANE HAMFEST* # FRANK- KG7HB # DUANE-KC7AIH # BRET - AB7AI	7 #EVE'-WB7QNS # DAN - KC7BMK	8 147.28 NET 7:30 PM ---------------- # BOB'- N7YFG # GLENN-KC7IKL	9 W7DK MEETING Library 112 St. E.& WALLER RD. 7:30pm #ED' KA7LGV # FRAN KC7DAG	10 # DON -K7QLC # VEDA -KC7BMP # DALE -KC7LZI	11	12 *RCT FLEA MARKET* # RALPH -K7TTW
13	14 # BOB' KB7NBQ	15 147.28 NET 7:30 PM ---------------- MVWS VE TESTS #BOB'-KB7NBF	16 *AROWS MEETING CLUB HOUSE 7pm* # JACK-K7DBU # DEAN-WB7EJO	17	18	19 LONGVIEW FLEA MARKET #RUSS' KC7EKI
20 LOGGER'S BARK *DEADLINE*	21 # BOB - N7QOZ # BOB - WA7OEU	22 147.28 NET 7:30 PM ---------------- # MARION-WV7Z	23 W7DK MEETING Library 112 St. E.& WALLER RD. 7:30pm #BOB' KF7KI #"PEGGY"-N7IRW #EV'- W7CZK #MIKE' KI7YB	24 # RALPH-KA7FIG # NANA - N7OIX # CHRIS KC7IBL	25 # JOHN-N7XOW # ARNOLD -KC7IPP	26 # DORIS -W7BHI
27 #MARILYN KJ7BN	28 LADY'S PINOCHLE CLUBHOUSE NOON #GENE'- W7BTV	29 147.28 NET 7:30 PM ---------------- #MAX'- W7AEA # BUD'- N7FQR	30 ARES MEETING Clubhouse 7:30 #GENE'- W7IIU	31 # CANDY KB7KJX #BOB'- KG7DB		

Happy Birthday!

Coming Events

August 2 - Board of Directors Meeting - 7:30 PM - at the RCT Clubhouse - members are welcome.

August 5 - North American QSO Party (CW)

August 5 - Contesting Meeting - 10:00 AM - at the RCT Clubhouse - David, WB7AUG, and Brian, KA7KU will present the plans for Contesting events for Radio Club of Tacoma

August 5-6 - ARRL UHF Contest

August 5-6 - Spokane Hamfest

August 9 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - **Program: Fleamarket Final Planning--Alan Hughes, KB7SVU**

August 12 - RCT Flea Market & License Exams - Charles Wright Academy

August 16 - AROWS meeting - 7:00 PM - at the RCT Clubhouse

August 17 - RCT Packet Meeting - 7:00 PM - at the RCT Clubhouse - All members are invited

August 19 - North American QSO Party (Phone)

August 19 - Longview Fleamarket

August 23 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - **Program: "Contesting"--Dav Dodd, WB7AUJ**

September 1-4 - Missouri Event

September 2-10 - Hiram P. Maxim Memorial Birthday Celebration

September 9-11 - ARRL September VHF QSO Party

September 22-24 - Walla Walla Hamfest - Milton Freewater, Oregon

September 23-24 - Washington State QSO Party

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
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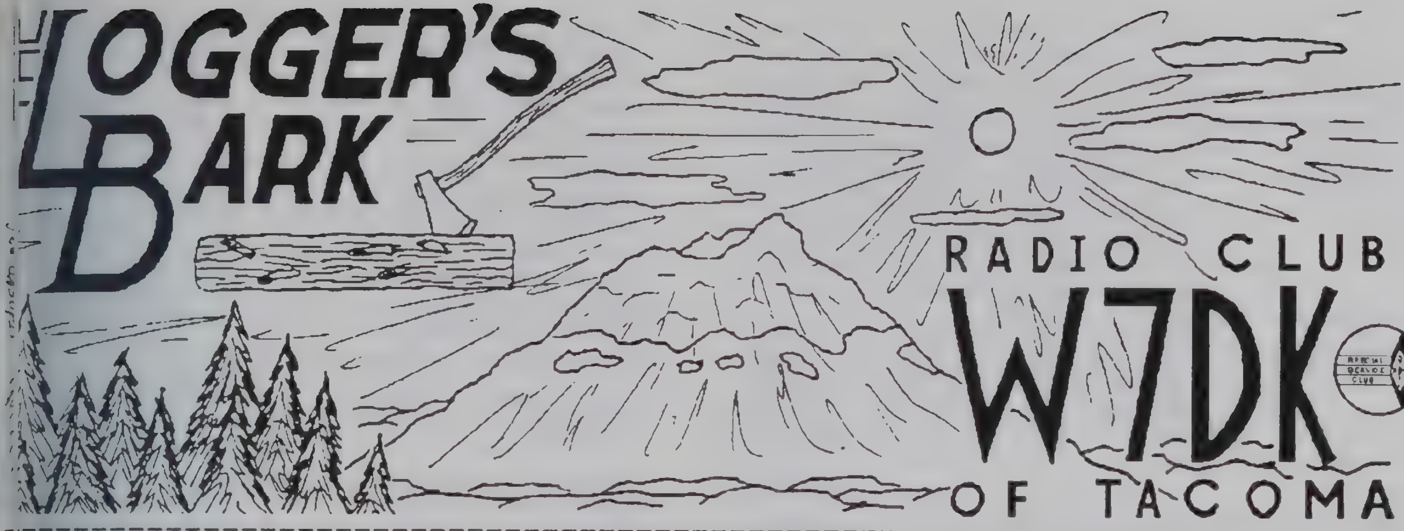

VL. XXXII NR.9 W7DK SEPTEMBER 1995

From The President

de Jim K7YLM

Well, Gang, it's election time again. Oh, I know it's not until November, but now is the time to start thinking about running for an office or selecting your favorite candidates. The requirements, as noted in our bylaws, are simple. A candidate must have been a member in good standing for a period of two years.

Here are a few of my thoughts for those running for an o ice and those of us who give them our vote. We are a large o anization and, as such, the problems and responsibilities a also large. We are a nonprofit corporation which requires u to conform to many Federal and State rules and laws. The B ard positions, though voluntary, are serious jobs.

It is my belief that the President must provide a general s se of direction for the membership. When any operation, p gram, or activity is not working at its full potential, the P sident must get it going. We are a very active Club, with e nts happening every week. I would like to see this c tinue. I will not be the President in 1996 but I will work t ard keeping our activities at an even higher level. Our f ure is in the hands of the new technician class. On a local a national scale, they join ham radio at a rapid rate and t y drop out at a rapid rate. We, and our new President, n st do whatever it takes to keep the technicians involved in e rything. A President must be creative and he or she must li en to the ideas, goals, plans and fears of the members. T e President and the Board can come up with ideas and p ns; however, success is based upon membership approval, c rdination and participation.

The primary duty of the Vice President is Membership. T s includes working with the Board and the Club to create n w ways to attract and hold new members.

The position of Treasurer has evolved into a very complex o eration. The bylaws state he or she will receive all income a pay all bills. Accurate records must be kept, budgets n st be prepared, and audits and tax filings must be a complished. Because of the complexity of our Club, I b ieve that the Treasurer must provide the Board with the i ome and expenses of the current month, and the past six n nths, as compared with that same period of the previous y ar. Once this is done, the Board will be in a much better position to recommend to the Club increases or decreases in expenses and activities.

The Secretary has the job of recording all meetings and keeping an accurate record for Club files and our monthly paper. Again, this position has changed a great deal. Data is maintained and transferred by computer. Everything submitted for addition to the Bark is eventually submitted by computer. It is a very responsible job.

There are five Board positions. For our Club to continue and advance, these five members must come up with ideas. In addition, they must provide assistance in getting these into operation. They must assist the President, all Officers and, above all, the members. ***These are not honorary positions.***

If you have the desire, run for an office. It is challenging, fun, and always rewarding. This is your Club. **You** pay the bills and **you** make things work.

It's FAIR Time!

On September 8, the Puyallup Fair will open for its annual 17 day run, closing at 10PM on September 24. For a number of years the Radio Club of Tacoma has represented the Amateur Radio community with a booth in the Hobby Hall. This is always a big undertaking as we promise in our contract with the Fair board that we will staff the booth for the entire run of the Fair. The days are divided into 3 shifts with 2 persons per shift. That works out to be 102 individual shifts. It doesn't sound like it would be a big effort to find that many folks to help in a Club of our size (500+ members) but, as is always the case, not everyone is able to take the time to participate and booth duty is not everyone's "cup of tea"!

At this writing (14 Aug.) there are 36 spots still not filled. This year there is more competition from other Club events during the Fair, but we still must come through to fulfill our commitment or we risk our yearly **invitation** to participate. The current open shifts are primarily afternoons and evenings. If you are interested in working a shift or two please contact Kathleen, NØEYK at 862-8635. If I'm not there please leave a message with the best time to return your call. Thanks and let's **DO THE PUYALLUP! 73, Kathleen, NØEYK**

[Nick sez: I came upon some "Tom Swifties" on the Internet and thought you all might enjoy them. You have been warned...]

"It's a unit of electric current", said Tom amply.

RADIO CLUB OF TACOMA
1995

PRESIDENT	JIM KIRKREIT	K7YLM	927-7825
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
SECRETARY	JUDY KIRKREIT	AJ7R	927-7825
TREASURER	JERRY SELIGMAN	W7BUN	845-7652
BOARD (5)	SHIRLEY MURPHY	N7QHW	265-3661
	JOHN McALLISTER	W7MSR	952-7388
	ALAN ALLEN	N7EAY	475-7413
	BRIAN SPINDOR	KA7KUZ	756-5030
	MIKE CRAWFORD	WB7DFQ	531-4789
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	SUE BALDWIN	KC7AVS	927-2351
COMPOSITOR	"NICK" OLSON	N7BCV	536-8940
PUBLISHER	W7DK PRESS	N7QHW	265-3661

****

CLUB MEETINGS: 7:30 pm

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206 / 759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Mail all articles to Ralph Fuller, KA7FIG, 8208 Southway SW, Tacoma WA 98498. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO *THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/ Radio Club of Tacoma

147.88 / .28 MHz	144.97 - Packet
147.98 / .38 MHz (pl 103.5)	441.00 - Packet

New Members:

Maurice Andersen, KA7THR #RCT 18
P.O.Box 500MS
Orting, WA 98360 770-4555

John Chryst, KC7MHA #RCT 18
1019 N Washington St
Tacoma, WA 98406 752-0604

Connie Mackeda, N7MRQ #RCT 18
Dick Mackeda, N7MRR #RCT186
10702 50th Ave East
Tacoma, WA 98446 537-4470

Bill Poindexter, KC7EBB #RCT 18
4600 16th St E Apt R304
Fife, WA 98424 922-8566

Carolyn Pasquier, WV7Q #RCT 18
P.O. Box 166
Sumner, WA 98390 862-1157

Lucky Atkins, KC7MTM #RCT 18
3639 S. Fawcett
Tacoma, WA 98408 473-6943

Guy Skeer, KD6RGZ #RCT 18
3508 25th St Ct NW
Gig Harbor, WA 98335 851-4934

Craig D. Hilborn KC7LZJ #RCT 18
4409 Harbor Ridge Ct. NE
Tacoma, WA 98422 952-5890

Reinstatements:

John Stewart, N7ZLH

Rufus Parker, KB7SLX

Ed Harwood Jr, KB7FEW

Terry Howard, WA7LGY
4154 #1 W Alder
Port Orchard, WA 98366 360/405-06

Address and Phone Changes:

Richard Kear, KD6FEA
506 S 55th St
Tacoma, WA 98408-6423 phone un

Eric & Margaret Thompson, N7IXO & KB7WYK
25523 40th Ave Ct E
Spanaway, WA 98387 phone un

Jerry Ware, KB7RIB
P.O.Box 1304
Roy, WA 98580-1304 847-0436

John Makebakken, N7FOW
3776 A St
Tacoma, WA 98408-7809 471-1251

John Newsome, KB8MAU
3151-B Pine St SW
Tacoma, WA 98439 phone un

Callsign Changes:

Daniel Nelson, KC7MNY

Silent Key:

Robert McCullough, W7SFO, 85, of Tacoma, Thursday, July 13, 1995. He was born May 11, 191 Moundsville, W.V. Bob was a lifetime resident of Spanaway area. He owned and operated McCull Brothers Lumber with his brother Bill for many years. was a member of the Radio Club of Tacoma and Spanaway Historical Society.

Bob is survived by his wife, Doris; daughters, Patty, Key Center, Lois Beckner, Tacoma, Ar Symmons, Spanaway, Nancy Symmons, Spana Pamela Eaton, Tacoma; sons, Gerald McCullo Puyallup, Ronald Eaton, Tacoma; sister, Evelyn Fi Tacoma; 19 grandchildren, 33 great-grandchildren, ar great-great-grandchildren.

The Editor's Log Pile

de Ralph, KA7FIG

Woe the Life of a Volunteer

Nana Downey, N7OIX, has a small badge pinned to her SAR, MASS vest which says, "Don't Yell At Me, I'm a Volunteer." Without the volunteer our society would fall apart. Almost every club, fraternal group, business, and every part of every government uses the volunteer so that the unpaid portion that r ney can't buy can begin to be covered.

Take amateur radio as a fun hobby. Last week I was t king to Pat Wormley, N7KQY, at ICOM America about the ssible loan, [ICOM America furnished most of the radios f the Missouri Project] of two all mode IC820s instead of t one that was on the pre-order list. She sort of scratched h head for a moment and with a twinkle of the eye and a big s ile, she said some thing to the effect, "With only one radio, l and Single Side Band would be very lonely." If volunteers t t use those radios at the Mighty Mo or the RCT Flea rket or the Western Washington Fair and yes the N. Kitsap F a Market, had to also round up that type of equipment, t se fun events would be in a world of big time hurt. ICOM i n the people business and if those people need a radio of s me kind in a radio of spectrum so much the better.

August 15th I went back to Cold Water Ridge to meet h the Manager Jim Quiring to discuss some kind of display t show our appreciation for the use of the Monument as a pedition for the May 18th 1980 remembrance of the Mt. St. lens explosion. Somewhere in the discussion he wanted to k w if we had applied for next year. I said "no", but in the s me breath I said "that's a great idea." The fact we fought t ough the red taped piles of paper, set up an antenna farm freezing cold blowing heavy wind and lived to operate the n t day in fog so thick that no one could find the entrance to t site on the first pass by. From big motorhomes to little c s we had the privilege of paying individually and c llectively for the whole show.

It is really a pain in the behind to spend all that time and ney for what ever volunteering you do and have some jerk t you in very loud voice that you ought to use some other s d box to play with your toys.

All of us at one time or another have been the yell-er and t yell-ee. Like that day on the mountain there were a lot g ing and nobody cared. Dirty, cold and miserable was versal.

Timber

Election Of Club Officers

Yes, it is that time of year again and I am sure there are l s of you out there who would like to run for an office and h w do I do it is the question of the month. You may v unteer to run by contacting a member of the nominating c mmittee, or find a friend who will nominate you from the fl r at the regular meeting in October (first meeting of the nth) or you may be contacted by a member of the minating committee and asked to run for an office or board p sition. Names and telephones of Nominating committee mbers occur later in this article.

As a reminder for all of us as elections draw near, S ction Four of our By-laws cover the election process and a printed verbatim as follows.

(**NOMINATING COMMITTEE.** On or before the regular ptember meeting of each year, the President will appoint an ction Committee consisting of a Chairperson and at least t other full members who are not current officers. Members the Nominating Committee shall have been full members of the club for at least two years. All nominees shall be Full Members who have been members of the club for at least two years. The committee shall nominate at least one candidate for each Officer and Board position. The committee shall present their nominees to the club at the October regular meeting. Additional nominations shall be accepted from the floor at the October regular meeting. No member may be nominated from the floor without giving their prior permission. (The regular meeting is defined in the By-laws as the first meeting of the month.)

(B) ELECTION COMMITTEE. At the conclusion of nominations from the floor during the October regular meeting the President shall appoint an election committee consisting of a chairperson and at least two other full members none of whom may be candidates for election. This committee shall be responsible for composition, distribution and collection of all ballots.

(C) BALLOT. The election shall be held by secret written ballot. Candidates for each office shall be listed in alphabetical order by last name. Ballots shall be mailed to all voting members in good standing on or before October 20 of each year and shall be returned by mail postmarked no later than November 5 or personally delivered to the secretary prior to the start of the November Annual Meeting. The ballot as issued by the Election Committee shall be the official document used for conducting the election. No other form, facsimile or copy shall be accepted or counted. Voting by proxy shall not be permitted.

(C) RESULTS OF ELECTION. The Election Committee shall, at the November annual meeting, accumulate and tally all ballots and announce the results of voting. A majority of all votes cast shall be necessary to elect an officer. Board Members shall be elected by a plurality (for example the four candidates receiving the most votes shall be elected). If there is a tie vote which prevents determination of the top four, or there is no candidate for an Office who receives a majority of the votes cast, a written run-off election shall be held at that meeting until a final determination is made. All ballots shall be retained by the Secretary for a period of thirty days after the election or until all disputes involving the election have been resolved. Upon completion of the retention period the ballots shall be destroyed.

(E) DISPUTES. The judge of the election shall be the club President and in that capacity the President shall make the final determination as to resolution of issues or disputes. The President's decision may be appealed by a vote of two-thirds (2/3) of the voting members present at that meeting.

(F) VOTING MEMBERS. A voting member is a Full Member in good standing.

(G) VACANCIES. Officer or Board member vacancies occurring between annual elections shall be filled by an appointment by the President. The person filling the vacancy shall serve to the end of the term of the officer or Board member replaced.

Hopefully this will help everyone to understand our election process better. Our Election Committee this year is Don Murphy, N7AEJ, 759-5962; Tom Murphy, N7QHX, 265-3661; and Jean Treloar, KB7SVX, 840-3479,. Each candidate will be asked to write a brief statement about themselves which will be included with the ballot to aid members in making their choices when voting. The candidates are to submit their statements no later than October 15, 1995 to Ralph, KA7FIG, Editor of the Logger's Bark; Judy, AJ7R, Secretary or Shirley, N7QHW, reporter for Logger's Bark. I encourage you to get involved and be willing to run for an office or a Board position. It is amazing how much one learns about our club when filling an office or board position.

News from ARRL

de Jerry, W7BUN

Fifteen-year old Adam Weyhaupt, N9MEZ, has been named the 1995 "Young Ham of the Year," an award sponsored by Newsline, Yaesu, and CQ Magazine. During the Midwest floods of 1993, Adam, then age 13, was in charge of scheduling ham radio operators for round-the-clock emergency communication. He also acted as net control station for disaster communication in his area. The following year, Adam was a key organizer of amateur communication for the US Olympic Festival. Currently, Adam is network manager of his local Amateur Radio Emergency Services (ARES) net, and a net control and weather spotter for the National Weather Service's Skywarn network. He also edits a regional "Skywarn Newsletter." Adam has been licensed since 1991 and holds a Technician class license.

Extraordinary conditions for tropospheric propagation in July have resulted in a new overland record on the amateur 3456 MHz band. On July 12, Al Ward, WB5LUA, in Allen, Texas, worked Gary Mohrlant, WA0BWE, in Maplewood, Minnesota, a distance of 841 miles. The previous record, set in 1992, was 736 miles.

The ARRL Board of Directors met in July and voted to begin a transition from two-year to three-year terms of office for ARRL directors and vice directors.

The FCC now accepts Form 610 amateur applications on white paper, two-sided copies of the form. This is the result of the FCC preparing to accept 610s by fax. Since FCC forms are color coded, submitting applications on official, buff colored forms may result in more expeditious service, so the ARRL/VEC will continue to use buff colored forms for its exam activities.

The ARRL has asked the FCC to implement US participation in an "International Amateur Radio Permit" covering countries in the Western Hemisphere. The IARP would allow, in conjunction with an amateur's home-country license, temporary operation in any other country in the Americas that has signed the agreement. The IARP, the League said, would eliminate paperwork for both the FCC and for US, as well as foreign, licensed amateurs. Countries signing the agreement would not be allowed to levy a fee or tax on a visiting IARP-holder. IARPs would be issued in two categories: Class 1 (in the US, Amateur Extra class privileges), and Class 2 (Technician class privileges).

Three Los Angeles-area amateurs are dead following a shooting rampage at a city facility. A disgruntled radio repairman for the City of Los Angeles on July 19 allegedly killed four men, all supervisors. The three amateurs killed were Marty Wakefield, N6BZ, 57, of Venice; Neil Carpenter, KA6QIN, 61, of Palmdale; and Anthony Gain, W6KFN, 78, of Montebello. The fourth victim was not an amateur.

The FCC has announced a pilot program to "privatize" the resolution of interference problems. The FCC receives 30,000 complaints a year of interference to home electronic equipment, a relatively small percentage involving amateur transmissions. The Commission says it is not feasible for their engineers to resolve these complaints since they no longer investigate interference to home electronic equipment. Likewise, the FCC does not offer any protection from interference. The FCC said their pilot program will use local electronic repair shops to fix interference problems. If the problem were found to be caused by susceptible consumer equipment, the shop would fix that equipment. If an investigation determined that the radio transmitter were be
operated in violation of FCC rules, the service shop wo
refer the case back to the FCC for possible action. A num
of unresolved issues remain: the program guidelines must
very clear about who pays the local repair shops for th
service; and guidelines must be established to determine if
service technicians are properly trained and have the corr
equipment to locate and resolve interference problems.

An over water distance record on the 144 MHz band v
set on July 1, 1995. Paul Lieb, KH6MHE, on Mauna
volcano worked Jim Costello, W7FI, in Woodinv
Washington, a distance of 4333 kilometers. The previ
record of 4176 km was set in July, 1989.

Radio Club Has Equipment For Loan To Members

Equipment is available for short term loan to RCT membe
Antenna Kit - includes Rohn gin pole for use on 25G and 4
tower sections (only!), ropes, pulley, hard hats, & climbing
MFJ 422 electronic keyer with Bencher paddles
Millen solid state dip meter
7.5 amp Powerstat variable transformer (similar to a Varia
Heathkit VTVM
Ameco SWR bridge (1.8 to 150 MHz)
Fluke model 87 hamdheld multimeter
To check out any of these items, contact
Jerry Seligman, W7BUN, 845-7652

Radio Club Of Tacoma - VE Testing

The Radio Club of Tacoma, W7DK will be offering an
license class examination session on Monday Novembe
6pm & December 30 10am at the Clubhouse, 124
Washington. Pre-registration not required. Be sure to b
original and copy of license and any CSCE plus a piec
identification.

For information call Jerry Seligman, W7BUN 845-7652

Walk-Ins Are Always Welcome

Slivers & Splinters

Bob, W7RGO, heard checking in on North American
Party. It was really great having you talk with the gang.

Lou, KB7WDB, and Don, AB7DS, seen working on a s
station for Morie, KA7THR, at the Soldiers Home at Orting. Tha
guys, ur the best.

Morie, KA7THR, heard on the air with his new super sta
Sure nice to hear you back on the air.

Judy, AJ7R, seen working with a new computer progra
better handle RCT date transfer.

Ken, WB7QNT, seen working on a new beam antenna.
signals out of Fircrest soon.

Eva, WB7QNS, heard leading the gang to the Flea Ma
Could you give us those directions one more time. Hi! Thanks,
We really appreciate your super service.

Mike, KB7ZDR, seen fixing every electronic thing in the
that is broken. Mike, you sure know how to get those broken
radios back on the air. The Radio Club is really glad ur here.

Jack, W7IMW, seen working toward making the Sat
breakfast great success at Burs Restaurant in Lakewood. Tha
Jack, and come on out, gang. We are there every Saturday at
AM. Call-in frequency 147.28.

Worth, W7WG; Mac, W6NBD; and Morel, AB7KA, hear
the air from the W7DK Antique Wireless Station at the clubh
Good going, guys.

Roy, KA7X, and xyl, Carol, seen at the meetings at the li
administration building. Your plans for having some build
electronic projects sure sound like fun. The Club is ready.

Tom, W6QJI, seen working night and day on the Mis
Project. With all the publicity your program is getting worl
acclaim.

RACES/ARES

de Shirley, N7QHW

By the time this is read, the Missouri Special Event will be history or if we're lucky underway. ARES was asked to help with security for this event. Each event or request for our services, whatever they may be, is an opportunity to increase our skills in commun-ications and working with each other as a team.

It is time now for each one of us to put on our thinking cps and try to come up with some type of an activity that we cn participate in at least once a month if possible. We know its not possible for everyone to be available for each event b everyone should be available for something at least once a ear. It seems in each organization 10% of the people do 9% of the work and we are not unique related to this. Each pson has their own priority activities or likes and dislikes wen volunteering. This is why I believe each one of us needs tbe thinking about special things we can do. These can be rus, parades, etc. or lets plan a few communication drills for th practice of it. Is this a plea or just plain **"HELP! WE NED ALL OF YOU"**.

A couple of years back, we put together some minimum sndards for ARES members to meet on an annual basis rerinted now so everyone can evaluate if you have done your pt. Also, all Pierce County Department of Emergency Mnagement Worker Identification Cards must have an eiration date on them. If yours has expired or has no eiration date, it is time to renew. We ask that you fill out th same application forms and submit them to me, Shirley, NQHW, for processing. All new applications should also be pcessed through me so I can maintain an accurate dabase of members, addresses, telephone numbers, etc. S here goes with those minimum standards for all members.

RCOMMENDED MINIMUM STANDARDS FOR MEMBERS

1. Hold a valid registration card for the Pierce County Department of Emergency Management.
2. Hold a current Amateur Radio license, Technician class or above.
3. Possess adequate outdoor clothing and equipment for the Pierce County environment such as: Wool or synthetic inner and outer wear, raingear, appropriate footwear, backpack, 24 hour food and water supply with utensils, compass, First Aid kit and flashlight.
4. Have access to equipment for communicating on 2 meters (440 band as well if possible)
5. Basic first aid and CPR training recommended.
6. Read a map and locate one's position on it.
7. Basic compass knowledge.
8. Check into the Pierce County Emergency Services Net at least once a month to maintain an active status.
9. Participate in at least one training exercise or event each year.

The August meeting was canceled so the drawing for the 7 hour backpack is delayed until the September meeting. W extend our apology to all those waiting to see who got the pk. We also would like to extend our sincere thanks to all thse who purchased tickets which is helping support the oranization.

David Brinkmann, N7UNN, has resigned his position as Eergency Coordinator for Pierce County due to his heavy dy schedule at work. We would like to express our thanks to David at this time for his past efforts in support of Pierce Cunty ARES. In the interim before a new Emergency Coordinator is appointed, Paul Robertson, N7WGU, will be the acting Emergency Coordinator for Pierce County.

Thanks and 73

AROWS

de Tressie, KC7BAL

Hi from AROWS.

I would just like to thank all the ladies who helped at the Flea Market. They made a big success of our effort there. Also, a big thanks goes to you, the membership, for your faithful support of our concession. We hope you enjoyed yourselves. With the proceeds, we are again looking forward to giving more scholarships. We also received a big thank you from Flea Market Chairman Alan, KB7SVU, and several others for the sandwiches we provided the workers on Friday. Thank you for your words of "thanks".

We are planning some activities for our group. The first outing will be a trip to Northwest Trek for a sack lunch meeting on Saturday, September 30. Please contact me at 840-4947 if you are interested in joining us.

Now for the big news. The winners of our two scholarships, awarded at the July 26 meeting, were Danny Hermosillo, KC7CUQ, and Randy Treit, KC7AVA. We'd like to congratulate them and wish them well in their studies.

Until next month, good-by from AROWS and have a great month.

A Trip To The Soldiers Home

de Jim, K7YLM

A while back I had the opportunity to meet Morie, KA7THR, a resident at the Soldiers Home at Orting. He had experienced the loss of some of his radio equipment and asked the Radio Club for help in getting on the air. Lou, KB7WDB, and Don, AB7DS, put up some nice antennas and towers.

Morie will soon be a Club member and I told him we would make him a part of our activities by taking him along via ham radio. He knows of all of our activities and he asked if we might bring a few radios and antennas up to the Soldiers Home and put on a mini Field Day. Are we going to do it? You bet we are. On September 9 we will head up and put the Soldiers Home on the air. These men and women have given a lot for us. Now it's our turn to give something back.

This event has one goal. That is to give a bit of cheer to Morie and his friends. If you can get away, please join us. Just call Lou, KB7WDB, at 847-5124 if you want to attend the event on September 9 from 10:00 AM to 4:00 PM. If you can make it, please come along. If you can't, then get on the Club repeater and give Morie a shout. Thank you all.

For Sale:

Heath HW-100 10-80 meter SSB transceiver with matching HP-23 power supply. Includes new Turner amplified desk mic and speaker. Michael Compton, KB7ZDR, has spent over 45 hours restoring this classic to like-new condition. All original, with the exception of new microphone and antenna connectors, completely aligned and tested, ready to use, with documentation. Don't miss this chance to own a piece of amateur radio history at a great price.

$200 tax deductible donation to the Radio Club of Tacoma

For information contact: Brian, KA7KUZ, 756-5030 or Michael, KB7ZDR, 535-5144

W7DK HF Station

de Brian, KA7KUZ

In July's *Loggers Bark* I brought up the subject of having specific HF frequencies for making loggers contacts. I've gotten quite a bit of feedback on that and I think we're ready to set up a few frequencies. The frequencies (in MHz) are as follows:

CW	Phone
28.290	28.390
7.140	14.250
3.715	3.875

The CW frequencies are in the Novice bands to provide the best opportunity for all members. You will note that there isn't a 40 phone frequency or a 20 CW frequency. This was done to keep the number of calling frequencies low while still providing some opportunity to work out of the area or DX contacts. When should you make your calls? Try Friday and Saturday nights at 7 PM (local time) and at 11 am (local time) on Saturday and Sunday Mornings. Make your call as follows: **CQ CQ CQ CQ de (or this is) KA7KUZ/RCT**. The "/RCT" will let everyone know you are from the Radio Club of Tacoma. I'll make sure these frequencies and times get published in the *Loggers Bark* on a monthly basis so we don't forget.

Have you worked Montserrat lately? I was lucky to work VP2MES in early June for my contact. The word is that Montserrat may get even more rare. It seems the volcano on the Northwest corner of the island is showing signs of erupting. So far the inhabitants have been moved to the Southeast corner but there are plans to evacuate the entire island if things begin to heat up. Get your contact while you can!

W7DK DXpedition! Well not quite. On September 23rd and 24th W7DK will travel to Wakiakum County to participate in the Washington State QSO Party. The goal of the contest is to make as many contacts as possible and to work each of the 39 counties in Washington State. Wakiakum county has little or no amateurs in the county and would therefore be a highly sought after contact. I'm still looking for a suitable site close to facilities and lodging so that all members can participate in one way or another. I will be needing plenty of operators, generators, and RV's to make this event happen - **Please volunteer!** I will be passing out sign up sheets at club meetings and also remind everyone on the Tuesday night nets about the event. Come on out and be a part of the event - it promises to be just as fun as Mt St Helens. (For those of you who don't know, Wakiakum County is along the Columbia River near the mouth or just west of the Kelso Longview area.)

Speaking of contests, the contesting committee has selected 6 contests to officially support over the year. There will be efforts by the contest committee to plan and compete in these contests. Although there are many other contests during the year, the committee felt it could easily support a few of the better contests without burning out on contesting. The other contests will still be encouraged but not planned for unless there is an individual or individuals who want to make an effort to work a contest. You can find the full information in the contest committee column of this issue of the *Loggers Bark*. Be a part of the contesting - it helps build operator skill and it does get recognition for the Radio Club of Tacoma.

For most people Field Day ended just a couple of months ago and they will not worry about the next one until sometime in May of next year. At the debriefing for this year's Field Day I accepted the chairperson position for the next event. I intend to do my planning work ahead of time so be prep
to get started on Field Day '96 soon. I am planning to
the first of the meetings in October to get things started
you've got a specific station in mind that you want to ope
then you will need to speak up early and participat
meetings. I am trying to get a mobile LAN system set u
computer logging, incident commands who can assess the
up, take down, and operation of Field Day, and a possibl
new site to operate from. Look for sign up sheets at the
meetings or contact me personally. **Come be an early**
of Field Day 96, it promises to be the best one yet!

If you get a chance, come on up to the HF station
work a few contacts. The station is better than ever.
recently purchased a PK 232 HF TNC for operating AMT
PACTOR, and RTTY modes. If you've never worked th
modes come on up to the station and give it try. It's a g
way to experiment. There's also the old standby mode
SSB and CW that are just waiting for people to ma
contacts on. **Come on up and be a part of the W7DK**
station! 73

The Super Swap Meet

de Jim, K7

On August 12, 1995 the Radio Club of Tacoma, under
leadership of Alan, KB7SVU, put on the ultimate **Swap M**
The were over 150 sellers and a lot of great gear both
and used. Good food at reasonable prices was sold by
wonderful ladies of AROWS.

For the first time in many years we had two HF stat
on the air. The radios were supplied by our good friend
ICOM America. Brian, KA7KUZ, and his crew put up
indoor dipoles. A little later in the day Stephen, AB7HI,
his son Brian, KC7FAE, put up a vertical. With all th
antennas there was no problem working anywhere in the
The surprise was that the swap meet hams worked Ja
Russia, Italy and Germany. The world was happy to be a
of our swap meet.

Thanks too to Mike, KB7ZDR, for security. Thank
Sally, KB7PKJ, and Mike, WB7DFQ, and others who
tickets. Thanks to JM, KC7DKH, for finance and tax con
Thanks to that super concession crew: Judy, AJ7R; Mar
KJ7BN; Nora, KC7JME; Jan, KB7UXO; Peg, N7IRW; Tres
KC7BAL; and Margaret, KB7WYK. Those were the best
dogs I ever ate. Thanks to Art, AA7EO, for storing
delivering the pallets and thanks to Les, KA7MYU, for
pallet jacks. Thanks to the members of Mike & Key for t
help and a special thanks to Andy, KB7DOX, and the clear
crew. Thanks too to Carol, KC7AZN; Lorna, KB7YTJ;
Karen, KC7ACX for helping at the raffle table. Thank
Lorraine, WA7WGG, and Shelley, KC7KAO, for their wor
the ARRL publication table. Thanks to Lou, KB7WDB, for
help at the Country Store and many, many things during
day. A special thank you to Don, AB7DS and Marilyn, KJ7
for the great signs they made. Thanks to Bill, W7GBC, for
and his crew's VE activity. Also, thank you to all the par
lot and security people. Gang, you are the best!

It must be said that Alan, KB7SVU, put on the fi
event of this type I have ever attended. His spacious la
gave everyone a lot of room to get to every table with e
This was of particular benefit to the physically challen
Alan did more advertising than we have ever had on TV
on radio stations and he either personally handed out or
others hand out many thousands of flyers.

This is our only fund raising event of the year. Beca
of your efforts, Alan, and all your volunteers, we, the R
Club of Tacoma, are in a much better position to meet
future goals. Our hat is off to you.

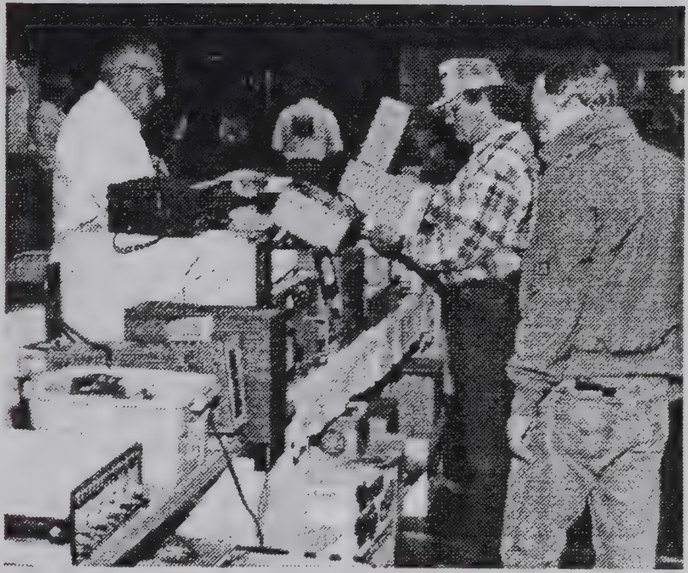
f course the essence of a Flea Market...

"Who? Me??"

"Why yes --
this is the latest in radio gear."

"I think I had one of those once..."

is the shopping!


So many items -- so little time...

Oh yea - I almost forgot the FOOD!

and the "no peek" pouring contest

The Art of CW

de Mike, KB7QOP

Those who know me have little trouble recognizing that Morse code is one of my passions. Among all the myriad modes and operating styles that make up amateur radio, CW remains, for me, the most enticing and fascinating area of operation possible within radio communication. This is probably obvious to anyone who has read my past articles on learning Morse code. At times I have to contemplate: *why* am I so enraptured by this relatively ancient, and simple, form of communication? What is it about Morse code that is so appealing? Every individual could answer such a question differently, and, in looking at my own response, I am certain that it is unique, in some ways, from many other CW enthusiasts. At the same time, we probably all share some things in common. But, the question remains, what *is* it about Morse code that I find so appealing?

To me, CW is an art form. Good code is like an exquisite piece of art or music. It is a delight to listen to, and beautiful to behold. There is a distinct pleasure in working someone with a good fist and professional style that I have never found in the voice bands. Anyone can pick up a microphone and talk. Morse code, however, requires a dedication and skill that transcends simple operating and makes a QSO almost magical. Now, I have nothing against voice operation, or any other mode for that matter. But, on a personal level, no form of radio communication has ever given me the satisfaction and pleasure that comes from working CW. Perhaps it is the pride that I feel, knowing that the hard work in learning the code is paying off. Maybe it is the knowledge that I have risen above my own expectations, and continue to set new standards for myself. Whatever the various reasons that exist, they all combine to give me a feeling of excitement and enjoyment every time I key down at the start of another contact that I do not believe I would experience with other modes.

The simplicity and elegance of Morse code makes it unique in its field and it has a long and fascinating heritage throughout radio history. Operating with this mode gives me a link to the past that I would not otherwise have and it conjures up fascinating images of decades gone by. When Jim and I decided to go ahead with our on-air code practice earlier in the year, one of our chief goals was to go beyond building up speed and to help develop good operating practice. It is one thing to be able to copy fast CW, it is quite another to be able to operate in a competent and enjoyable manner. That is where the fascination, the fun, and the challenge of CW lie: in operating with the skill and that is the mark of a true expert. In fact, when it comes down to asking "Am I a good operator?", speed is largely irrelevant. 5 WPM code, sent *well*, is, in my opinion, better than 30 WPM code sent poorly. It is this unique atmosphere that really makes working CW worthwhile, and exciting.

There are probably stereotypes, among many people, about who works Morse code and why. I doubt that I am a stereotypical example but, at the same time, I know that my feelings are far from unique. It is my hope that everyone will at least get the opportunity to try Morse code because it is more than just another mode of communication. It is an art form and one in which any amateur can take part. I can think of no more rewarding experience than to shove aside the old stereotypes and learn, for the first time, what CW is truly all about. Try it for yourself and see. 73

"I'd better repeat that SOS signal -- no one seems to have heard us", said Tom remorsefully.

W7DK at the Air Base

de Jim, K7

This is the BIG one!

On September 16, 1995 our Club, the Mike & Key and North Kitsap ARC will get together for an outi Holiday Park at McChord Air Force Base. The time w 10:00 AM to 4:00 PM.

John, KB8MAU, will have a number of Air Force p there and he has invited a group from Ft. Lewis. The p to put up a large tower with a giant Log Periodic antenr top. We hope to have HF phone and CW on the Air. your rig and your favorite antenna for an Antenna Contest. All antennas erected , VHF, UHF, or HF, will re a certificate.

The event will be a potluck, but we will furnish the dogs and pop. We have arranged for a large covered ar come out rain or shine. This is an event the whole famil enjoy.

Don't miss this one!

"This computer display is shocking", said Tom electricall

20 Years Ago - September 1975

Hamfair-75 was a record-breaker for attendance activities. The Women's Auxiliary sold over 600 hot Marv, WB4JBS (now KG7V), sold dozens of bumper sti that read, "Hams Have More Fun." Roy, W7AZI, fli several hundred pancakes for the popular Logger's Break

Now the Club members are getting ready for Stillaguamish Campout and a group is planning to atten Walla Walla Hamfest. The Field Day Committee is lo for a new site, and will be rebuilding the Club's antennas. booth at the Puyallup Fair will be completely re-done year.

"I keep picking up radio signals from outer space", said impulsively.

Address Changes

If you change your address, don't forget to notify the immediately. The Post Office will not forward your Log Bark, but instead returns it with $.50 postage due. members who notify the Post Office that they wil "temporarily away" will have their Bark returned to the Each month as many as 6 to 10 Barks are returned; mem don't get their Barks and the club loses about $50 a year. Dick, W7RGD, 627-0922, or Jerry, W7BUN, 845-765 report any changes in address, phone number, or call Thank you!

"Someone stole my electrolytic capacitor!" Tom cha negatively.

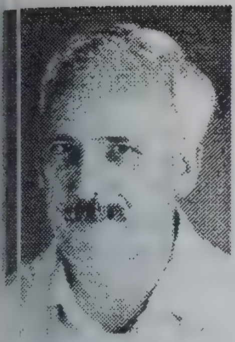
VE Testing

The Maple Valley Wireless Society will conduct a License examination the Third Tuesday of each mc and shall begin 7pm, promptly at the Auburn Fire St located at 1101 "D" Street NE, Auburn WA. Be sur bring original & a copy of your license and any C plus a piece of identification. For more informatio how you might participate, call **Bill, W7GBC**, 584-1 or **Ralph, KA7FIG**, 582-5841.

Walk-ins are always welcome.

"These @#$%*! circuit breakers!" swore Tom profus

"I will NOT splurge on a circuit-breaker", Tom refuse



A Contest For Everyone

de David WB7AUJ

Well, the Contest Committee held it's first meeting. The first item on the agenda was to select which contests to promote and participate in by the club. Each contest will have a Contest Coordinator to spread the wealth of organization. Brian, KA7KUZ, will be taking the Washington State Salmon Run. Jerry, W7BUN, will be promoting participation by members in ARRL Sweepstakes in November. We will also hold some fund raising activities to raise money for contest awards.

For September there are two contests that we will promote and participate in. They are the ARRL September VHF QSO Party and the Washington State Salmon Run (Also called the Washington State QSO Party). See next column for complete rules. Due to space in the *Bark*, we have not included log sheets this year. If you don't have last years *Bark* and need a log sheet and summary sheet sample, give me a call.

This contest is a great opportunity to get some publicity to Amateur Radio and RCT. Brian, KA7KUZ, is planning a field day type operation. Contact him if you are interested in participating in this operation. We will also be operating from the club house.

For RCT members, RCT will have special entry category for No-code Techs operating VHF and above. Rules for this entry class are the same as for HF operation with the following changes:

QSO points are 2 for SSB/FM, 3 for CW, 6 for PACKET/SATELLITE.

NO repeater contacts (Packet and satellite exempt from this).

Might we suggest using 146.58 and 147.48 as simplex frequencies.

SPECIAL AWARDS FOR RCT:

Single Operator Novice/Tech Plus
Single Operator General and Above
Technician Operator VHF and Above
Mobile Working from Most WA Counties

Participation Certificate for all logs received.

Send Logs to:

WB7AUJ - David Dodd
PO Box 98847
Tacoma, WA 98847©0847

Logs must be postmarked no later than October 31.

For those who don't want to work the contest per se, please take some time and give W7DK and club members who are working the contest a call.

For the ARRL September VHF QSO Party, we need your help to put W7DK on the air. The club has towers and rotors but does not have radios and antennas. We need someone to organize our efforts for this contest. Val, N7VGO, will be promoting participation in this contest. Rick, N7UFB, and myself are planning a Rover Operation.

Look for W7DK on 147.48, 223.50 and 432.20 FM simplex. The rules of this contest prohibit the use of repeaters to solicit contacts, so you won't hear us on 28 reminding you to work W7DK once the contest has started. Please remember the rules also provide that a transmitter used to contact one or more stations may not subsequently be used under any other call sign during the contest period (with the exception of family stations where more than one call sign is assigned to one location by the FCC.) See August QST for complete rules.

For the ladies, note that September also has **YLRL Howdy Days**. This is a week day event for ladies only (Hey guys.. why not fix dinner and let your YL have a little operating time). Jim, you need to get an antenna up for Judy!!

There is also the Hiram P Maxim 126th Birthday Celebration which was a lot of fun last year. The first part of it there is a conflict with the Missouri Operation, but later in the week, you might check out the club house to see if W7DK is on the air.

September Operating Events:

Sept 2-10	Hiram P Maxim 126th Birthday
Sept 2-3	All Asian DX Contest
Sept 2-3	Bulgarian (LZ) DX Contest
Sept 2-3	Radio Club de Panama XXIII Anniv. Contest
Sept 2-3	Michigan QRP Club Labor Day CW Sprint
Sept 9	North American Sprint (CW)
Sept 9-10	ARRL September VHF QSO Party
Sept 9-10	Worked all Europe SSB Contest
Sept 13-15	YLRL Howdy Days
Sept 16	North American Sprint (Phone)
Sept 23-24	CQ World-Wide RTTY DX Contest
Sept 23-24	Washington State Salmon Run

1995 Washington State Salmon Run

CONTEST PERIOD - 1600 UTC (9 am PDT) Saturday September 23, 1995
400 UTC (5 PM PDT) Sunday - September 24, 1995
Single Operator entries are limited to 24 hours operation
Multi Operators may operate full contest period

CLASSES: Single W SSB MIXED
Multi Operator(Single xmitter) CW SSB MIXED
Power Levels: QRP (5 WATTS or less) LOW (6-200 WATTS) OPEN (Over 200 WATTS)
Special competition for Washington State Clubs in the Multi Operator Single Transmitter category

EXCHANGE: RS(T) and County for Washington stations
RS(T) and State, Province or DXCC Country for outside Washington

QSO POINTS:2 for SSB, 3 for CW, 6 for Novice/Technician CW. Novice/Tech sign /N or /T.
There is no bonus for N/T on SSB.

The same station may be worked for QSO points on each band and mode (SSB and CW). CW contacts in CW sub-bands only. Portables/Mobiles may re-worked for QSO credit in different counties.

MULTIPLIERS:

Washington Stations: States, Provinces, DX Countries and WA counties

Outside WA Stations: Washington Counties (39)

Each multiplier may be counted once per mode (SSB and CW) regardless of bands.

SCORING:

QSO points for all bands X total multipliers
QRP (5 watts) Bonus: Multiply total score X 3
Low Power (200 watts) Bonus: Multiply total score X 2

BANDS:

All HF bands, except WARC, with the following suggested frequencies:

CW: 1805, 3560, 7045, 14060, 21060, 28060
SSB: 1815, 3925, 7260, 14280, 21380, 28380
Novice/Tech CW: 3700, 7125, 21150, 28160

SEND LOGS TO: W7FR
Western Washington DX Club
PO Box 224
Mercer Island, WA 98040©0224

Logs must be postmarked no later than October 31. Logs must show date and time in UTC, station worked, exchanges sent and received, bands and modes used and score claimed. Dupe sheets (alphabetized list of stations contacted) are required for logs of 200 QSOs or more.

TED'S PHOTOGRAPHY

WEDDINGS & FAMILY PORTRAITS

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RUSSELL FOSTER at 473-661

Picture Your Ad Here

Contact the Editor

Amateur Radio Exams in the Puget Sound Area as of August 25, 1995

1t **Tuesday** - 7 PM - Puyallup South Hill Library, 15420 Meridian East, Puyallup - Contact Mike Horbul, KI7YB, 845-2545, Puyallup

1t **Thursday** - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, Kirkland - Contact Brian Wood, KF7QF, 481-2361, Bothell

1t **Saturday** - 10 AM - North Seattle Comm. College, Rm 3343, 9600 College Way N. - Contact Mike Mitchell, W7WHT, 282-1438, Seattle

1t **Saturday** - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, Kent - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

2d **Tuesday** - 6:30 PM - Everett - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2d **& 4th Thursdays** - 7:00 PM - Ft. Lewis Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2d **Saturday** - 10 AM - Tukwila - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3 Tuesday - 7 PM - Auburn - Fire Station, 1101 D St NE -Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3 **Saturday** - 9:00 AM - Ferndale - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3 **Saturday** - 1 PM - Renton - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3 **Saturday** - Sultan - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3 **Saturday** - every 4th month - 9:30 AM - Montesano High School - Pearsall Center, 2109 Sumner Ave - next session - May 20 - Contact Nick Bender, NX7W, 249-4671, Montesano

4 **Tuesday** - Stanwood - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4 **Wednesday** - 6:30 PM - Everett - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4 **Saturday** - 10 AM - Marysville - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4 **Saturday** - 9:30 AM - Bremerton - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

S**miannually** - Saturday - 9:30 AM - Olympia - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

vember 6 - Monday - 6 pm & December 30th - Saturday - 10 am - RCT clubhouse - Tacoma WA ntact Jerry Seligman, W7BUN, 845-7652, Puyallup

ase send updates to: Jerry Seligman, W7BUN, 12306 8th Ave East, Puyallup, WA 98373 - Phone: 845-7652

his must be the high-voltage lead", said Tom crisply.

Charles Wright Testing Results - August 12th

There were 27 applicants who took 45 exam elements and passed 32, for a pass rate of 71%. There were 14 applicants who received a new license or an upgrade as follows: 6 Technicians; 3 Technician Plus; 2 General; 1 Advanced, and 2 Amateur Extra.

RADIO CLUB OF TACOMA, INC.
MINUTES FOR REGULAR MEETING
July 26, 1995

The meeting of the Radio Club of Tacoma was called to order by President Jim Kirkreit, K7YLM, with 76 members and 3 visitors present. A quorum was present for conducting official business.

MEMBERSHIP: There are 491 members as of this date for 1995.

MINUTES: Previous minutes were available at the front of the room.

UPGRADES: Russell, KB7UXK, announced he had upgraded to general.

HEALTH & WELFARE: Bob, KG7SM, said his wife Ruth, N7WGF, will have surgery on her toes next Thursday. Tressie, KC7BAL, announced congratulations were in order for Jim, K7YLM, and Judy, AJ7R, on the birth of their new grandson.

HINTS & KINKS, TUNING & TRAFFIC: Val, N7VGO, contacted Luxembourg and Poland on 20 meters last week. Jim, K7YLM, contacted the Queen Mary and also made a contact in Bistrica, S51ZY, from his mobile station.

PROGRAM: Dan, N7QWH, presented a program on Slinky antennas. He and Link, N7CEO, built this vertical antenna for Antenna Wars at W7DK on the beach in April. The basic component for the antenna was a 50th Anniversary model of a kid's Slinky attached to the top and bottom of an 18 foot fiberglass pole. They tuned it up on 20 meters and were able to contact Chicago and Philadelphia. One of their contacts asked them to repeat three times what they were running, because it was so unusual.

USS MISSOURI PROJECT: Tom, W6QJI, made an urgent plea to the Radio Club for a contribution to the funding needed for Navy escort services during the USS Missouri Program.
He covered some historical facts on the event. Originally the Navy asked for $1500 for escort fees. It was felt this was a manageable amount so they went ahead. Since that original charge was stated the project has grown and now the escort and support services have risen to $3500.
The project has received contributions of $1000 from the Mike & Key ARC, $500 from No. Kitsap ARC, and $1000 in the bank that can be devoted to those charges. They need an additional $1000 and ask for our support. A check to the Treasurer of the Navy must be sent on August 1, 1995 or the project will have to be canceled. A lengthy discussion followed. Tressie, KC7BAL, announced that the AROWS would like to make a donation of $100 to the project.

Don, N7AEJ, made a motion to authorize members of the Board of Directors to give $1000 to the Missouri Project. Motion seconded by Morel, AB7KA.

Mike, WB7DFQ, made an amendment to the motion that the check be made payable to the Treasury of the United States. Motion seconded by Mike, KB7VNT.

A vote was held on the amendment to the original motion. MOTION PASSED.

A vote followed on the original motion, as amended. MOTION PASSED.

Tom, W6QJI, thanked the members for their support.

FLEA MARKET: Alan, KB7SVU, chairman of the 1995 Flea Market, said we will need lots of help on Friday morning, August 11, at 10:00 am. He said Eva, WB7QNS, would again handle our talk-in station.

Brian, KA7KUZ, will handle the "Country Store" for the Radio Club of Tacoma. He will also set up a testing area for people to try out prospective purchases and will have an area for the ICOM radios to be used on the USS Missouri Project for training.

Mike, KB7ZDR, will be in charge of security for the Flea Market.

The program next RCT meeting, August 9, will be devoted entirely to the Flea Market.

HF STATION: Brian, KA7KUZ, spoke on his trip, with his wife JM, KC7DKH, and Dan, N7QWH, to the Glacier-Waterton Ham Fest in Glacier National Park in Montana. They proceeded to travel throughout Canada following the Ham Fest, using 146.52 simplex, and met many very nice people.

He also said the Club is considering a trip to Wakiakum County the last weekend in September for the Washington State QSO Party. There are two potential camping sites being considered.

AROWS SCHOLARSHIPS: The members of the AROWS awarded two $300 scholarships. The first recipient was Danny, KC7CUQ. The second scholarship went to Randy, KC7AVA.

LICKEM STICKEM BARK PARTY: The Bark party will be this Friday at the RCT clubhouse at 10:00 AM.

LOGGERS CERTIFICATES & ENDORSEMENTS: Two Loggers Endorsements went to Guy, KC7AIW and a Loggers Certificate went to Barney, N7TFB.

TRI CLUB CONTEST: Jim, K7YLM, announced an upcoming contest to be held in conjunction with the Mike & Key ARC and No. Kitsap ARC. To commemorate the return of amateur radio after World War 2. During any part of the 24 hour period of August 21, 1995 contact a club member of the No. Kitsap ARC on the 146.62 repeater, a club member of the Mike & Key ARC on the 146.82 repeater (tone 103.5) and a RCT member on the 147.28 repeater. Send your 3-entry logs, listing the repeater, call and time to any of the three clubs. There will be a nice commemorative certificate.

CORRESPONDENCE: Judy, AJ7R, read a letter from Bud, WA7ASH, thanking the Radio Club of Tacoma for the opportunity to be part of the Mt. St. Helens Commemorative event. He thanked us for the certificate and said he was proud to be part of it.

MIKE & KEY ANNUAL PICNIC: Members of the Club are invited to join the Mike & Key ARC for their annual picnic at Chism Beach in Bellevue. It will be a potluck lunch.

PUYALLUP FAIR: Kathleen, N7EYK, announced the upcoming Puyallup Fair where the Radio Club of Tacoma will again have an information booth in the Hobby Hall. Many people are needed to staff the booth.

AROWS: Tressie, KC7BAL, announced the next meeting of the AROWS to be held Wednesday, August 16, at the clubhouse at 7:00 PM.

USS MISSOURI MEETING: Tom, W6QJI, announced an all-project meeting on Saturday, August 29, at 2:00 PM at Trinity Methodist Church in Tacoma. He also stated we each should have received a contract from Matt, AA7LP, stating our shift time, etc. He asks, if possible, we be prepared to operate an additional 2-hour shift, in the event we are needed.

ADJOURNMENT: The meeting was adjourned at 9:30 PM.

Respectfully submitted, Judy, AJ7R, Secretary
Radio Club of Tacoma

RADIO CLUB OF TACOMA, INC.
BOARD MEETING OF August 2, 1995

The Radio Club of Tacoma Board of Directors me was called to order at 7:30 PM by President Jim Kir K7YLM. There were seven board members and four gu present. A quorum was present for conducting of business.

FLEA MARKET: Alan, KB7SVU, announced he made final payment to Charles Wright Academy for rental o facility for the RCT Flea Market. He also ordered table the vendors and stated we have approximately 120 rentals at this time. Tami Field, our publicity person placed ads on cable TV, network TV, and in n publications. He said things are going well and we are ahead at this time.

CORRESPONDENCE: Judy, AJ7R, read an acceptance from the government saying they received our check $1000 toward escort/assistance services for the USS Mis Project.

We also received a letter from PC ARES thanking u our donation to their organization

We received a flyer from Mike & Key ARC for their an picnic on Saturday, August 26, at 12:00 noon, with a map directions to Chism Beach.

Also, a letter was received from Mary Lou Br Northwest Division Director for the ARRL, stating that in to avoid conflicting schedules for hamfests it is suggeste notify the ARRL of our intended date for next year as soo possible.

USS MISSOURI PROJECT: Alan, N7EAY, said he receiv call from Ralph, KA7FIG, stating that Ralph will pick up radios being donated by ICOM to be used on the Mis Project. Alan, KB7SVU, said installation will begin onb on August 25 at 8:30 AM with hopes to get everything up running by Sunday evening. There will be a final meetir RCT clubhouse on Saturday, August 5, at 2:00 PM.

LADIES PINOCHLE: Ethel, W7WLX, said there was not about pinochle starting on Sept. 2 in the Loggers Coming Events. She wants to know if the Club is in fav continuing the pinochle and willing to let the ladies use clubhouse. The Board said they could continue as before.

FALL RADIO CLASSES: Bill, W7GBC, said we will star fall classes Monday, October 2. Alan, N7EAY, told them sure to write "code class" and not "code practice" on the fl

RCT REPEATER: Mike, WB7DFQ, said we had opportunity for a new site for our repeater but the cost is per month. He made a counter proposal but has not h response yet. A discussion was held on several possibilities for sites.

CONTEST COMMITTEE: Brian, KA7KUZ, said D WB7AUJ, wanted him to ask the Board if there would be problem with the Contest Committee having some so fund-raiser for funds for pins, certificates, etc. to be prese as an incentive for participating in contests. The Board agreeable.

WARP CLUB: Alan, N7EAY, said this group is just a gro amateurs who have been getting together for several mo to discuss radio and packet. There is no competition fo Radio Club of Tacoma and they encourage all their mem to join the Club.

ADJOURNMENT: The meeting was adjourned at 8:55 P

Respectfully submitted, Judy, AJ7R, Secr
Radio Club of Tac

RADIO CLUB OF TACOMA
MINUTES FOR REGULAR MEETING
August 9, 1995

The meeting of the Radio Club of Tacoma was call order by President Jim Kirkreit, K7YLM, at 7:30 PM wit members and 5 visitors present. A quorum was present for conducting official business.

MEMBERSHIP: There are 499 members as of this date for 1995.

MINUTES: Previous minutes were available at the front of the room.

TREASURER'S REPORT

GENERAL FUND CHECKING	1,351.63
REPEATER FUND CHECKING	1,466.92
PACKET FUND CHECKING	377.94
FLEA MARKET CHECKING	2,323.32
MONEY MARKET SAVINGS	8,854.20
SCHOLARSHIP WORKING FUND	600.00
SCHOLARSHIP MEMORIAL FUND	2,629.28
CASH ON HAND	0.00
TOTAL ALL ACCOUNTS	$17,603.29

UPGRADES: Joey, KB7UXC, announced that he had upgraded to a general class license.

HEALTH & WELFARE: Alan, KB7SVU, told us that Bill, W[illegible]TRA, had suffered a stroke and was experiencing some other health problems.

HINTS & KINKS, TUNING & TRAFFIC: Brian, KA7KUZ, said he had contacted Cocos Island, off the coast of Costa Rica, T[illegible]JJP. Jim, K7YLM, said he had contacted Vatican City from his mobile station. Russell, KB7UXK, asked if anyone knew the status of the packet cluster, which recently had gone off the air. Brian, KA7KUZ, showed his QSL card from Montserrat. He said the volcano on the island is erupting and his card just got a lot rarer.

MT. ST. HELENS: Ralph, KA7FIG, said two things are left undone from the 15th anniversary celebration of the eruption of Mt. St. Helens held by the Radio Club of Tacoma on May 1[illegible] 1995.

Ralph made the motion that the Club make and mail the QSL cards for the Mt. St. Helens Commemorative event. Seconded by Carolyn, WV7Q. MOTION PASSED.

Ralph also made a motion to secure funds to put together a permanent display for Coldwater Ridge. Seconded by Brian, KA7KUZ. MOTION PASSED. In response to a question, it was estimated the cost would be between $150 to $250.

LOGGERS ENDORSEMENT: A loggers endorsement was awarded to Dick, W7RGD.

NEW MEMBER CERTIFICATES: New member certificates were awarded to Carolyn Pasquire, WV7Q, and Kurt Jansson, K[illegible]7LGM. Certificates were also available for Lucky Atkins; Craig Hilborn, KC7LZJ; Jay Williams; Rod Wilson, N7YQT; Glenn May, KC7IKL; Dan Soethe, KC7LRD; Guy Skeer, K[illegible]6RGZ, and Bill Poindexter, KC7EBB.

CONTEST COMMITTEE: David, WB7AUJ, told us that the program for the next Club meeting will be about contesting. He said that at a meeting of the contest committee last Saturday it was decided to work several contests during the year: Sweepstakes, both individually and at W7DK; Washington State QSO Party; the North American QSO Party on Saturday, August 19 and others to be announced. He recommended working the Washington State QSO Party as a good source of experience for the USS Missouri Project coming up soon. He offered a special award for anyone who works all states in 10 hours. David said in order to raise some funds for awards, pins and certificates for upcoming contest he will be having a Contest Committee table at the Flea Market and asked for Club support.

SATURDAY MORNING BREAKFAST: Jim, K7YLM, announced that we have changed the location for our 8:00 AM Saturday morning breakfasts. We are now meeting at Burs Restaurant at 6151 Steilacoom Blvd. SW The restaurant is on the right side of the road 1/2 block west of the Bridgeport Way and Steilacoom Blvd. intersection. Please join us, Jim said.

PROGRAM: Alan, KB7SVU, said we have 152 tables sold at this time, compared to 141 at this time last year. He asked for lots of help setting up Friday at 10:00 AM at Charles Wright Academy. Mike, KB7ZDR, will be in charge of security. JM, KC7DKH, the Flea Market Treasurer, will be assigning tables, etc. Charles Wright is letting us use 200 tables as a repayment for the Club and the M.A.S.S. unit helping with the Wright Stuff Auction several months ago. Eva, WB7QNS, will handle the talk-in station again this year. Brian, KA7KUZ, will be in charge of the country store. 10% of proceeds goes to the Club. Alan, KB7SVU, also said that, as of this date, we are over $400 to the good for the event. He also introduced the Publicity Chairman for the Flea Market, Tami Field, and asked for a round of applause for all her hard work. Marilyn, KJ7BN said that the ladies of AROWS will be providing sandwiches and pop for the workers on Friday. They will run the concession for the Flea Market on Saturday, with sweet rolls and coffee early in the morning and hot dogs, pop and coffee throughout the day. She asked for Club support, reminding all that the proceeds will again be used for scholarships.

MIKE & KEY PICNIC: Carolyn, WV7Q, President of the Mike & Key ARC, invited members of the Club to join them at their annual picnic at Chism Beach Park in Bellevue at noon on Saturday, August 26. The event will be a potluck, with hamburgers and hot-dogs provided by the Mike & Key, and we are asked to bring a salad or a dish to share. There will also be a desert contest, if you'd rather bring a desert.

TRI-CLUB CONTEST: Carolyn, WV7Q, also reminded us of the tri-club contest for Mike & Key, No. Kitsap ARC and Radio Club of Tacoma. This will be held on August 21 to commemorate the 50th anniversary of the return of amateur radio after W.W.II. Details of the contest are in the August Loggers Bark.

INTERNET: Roger, K7AYC, spoke on the home page on the internet that he wrote for the Missouri Project. He said that if you have an internet account of some sort you can get to the world-wide web. The address for the project is: http://www.excell.com/ww2end.html. The address for an on-line callbook for ham radio, which is updated every day from the FCC, is:
http://www.ualr.edu/doc/hamualr/callsign.html.

AROWS: Tressie, KC7BAL, said the next AROWS meeting will be held at the RCT clubhouse on Wednesday, August 16, at 7:00 PM, where we will plan a fun event to celebrate all our hard work at the Flea Market.

PUYALLUP FAIR: Kathleen, N0EYK, encouraged members to help fill the time slots still open at the Puyallup Fair. She will have entrance tickets starting the last RCT meeting in August. The fair runs from Sept. 8 to 24.

ANTENNA WARS AT MCCHORD: Jim, K7YLM, reminded everyone of the Antenna Training session with picnic to be held at Holiday Park at McChord AFB on Saturday, September 16. This event will be held in conjunction with the Mike & Key ARC, No. Kitsap ARC, and the Army and Air Force.

RCT ELECTIONS: Jim, K7YLM, told members the annual election of officers is rapidly approaching. He asked members to consider running for positions in the Club. He said it is important to our Club to have officers who will represent the membership and their goals, wishes and desires. Above all he feels it is important to continue the effort to be prepared for emergency situations when they occur. He will soon be appointing a nominating committee and an election committee. To serve on these committees a person must have been a member of the Radio Club of Tacoma for two years.

HF STATION: Brian, KA7KUZ, said he would like to see more members come up to use the club station. The packet set-up is going and the Club will do the ARRL RTTY contest in December. He encouraged members to sign up to do the No. American QSO Party and said the Washington State QSO Party in September in Wakiakum County should be lots of fun. He also mentioned the AROWS will also have their own callsign to use at that time.

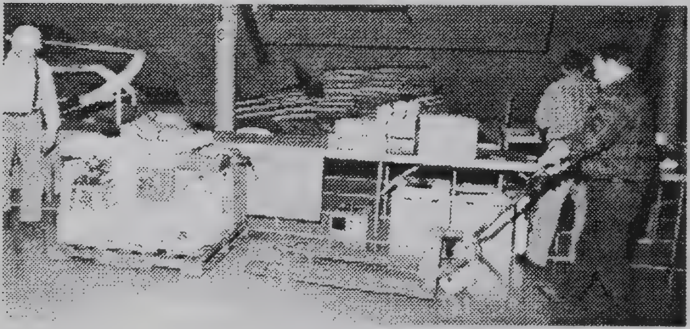
MINI FIELD DAY: Jim, K7YLM, said he and Brian, KA7KUZ, will be making arrangements for a mini field day type event to be held at the Soldier's Home in Orting in the near future. It is Jim's goal to provide a special time for some of our veterans.

ADJOURNMENT: The meeting was adjourned at 9:05 PM.

Respectfully submitted,
Judy, AJ7R, Secretary
Radio Club of Tacoma

Flea Market 95 in pictures...

The completed event
is more than the sum of it's parts...

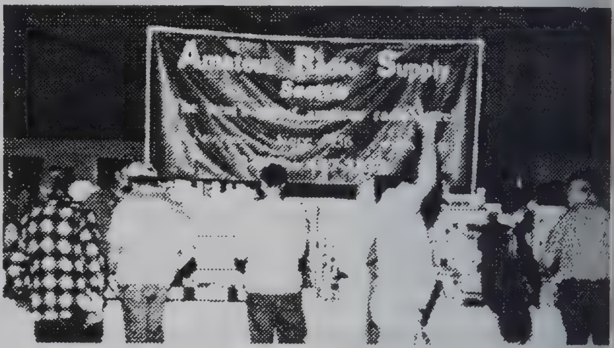


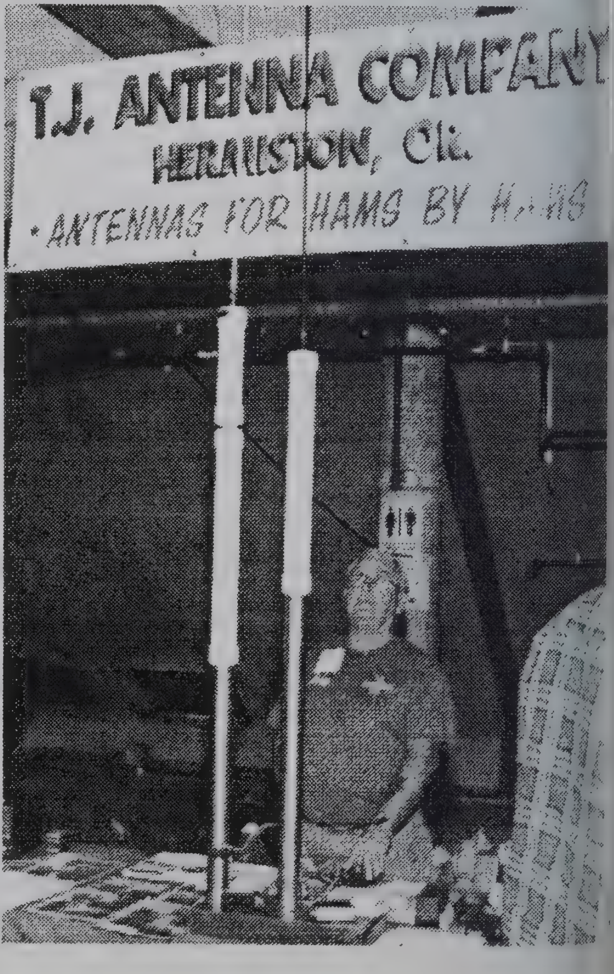
starting with setup...
carting all those *treasures* into the hall.

HF station up and operational*!*

Some of our favorite "toy stores"...

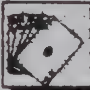
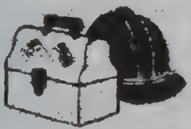
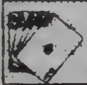
RADIO DEPOT





September 1995

W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1 #'JIM'-WA7DWG WW2END EVENT -BREMERTON	2 PINOCHLE/ POTLUCK Clubhouse 7pm # HOWARD-N7RHM # GAIL N7BVS # STUART-W7OQQ # SUSAN-N7WHA Hiram P. Maxim ...
DAVE-K7LHB JEFF'- AB7DN Hiram P. Maxim Memorial Birthday Celebration WW2END EVENT -BREMERTON	4  LABOR DAY #'LES'-KA7MYU # MERLE-W7QLG	5 147.28 NET 7:30 PM --------------- # TOM -W7PK # 'JIM'N /WGN # DAN-K7ASY	6 Board Meeting Club House 7:30 pm. # CARL - N7UDP #'GENE'- W7EOF #'DICK'- N7RHV	7	8 # JUDY -AJ7R # NANCY-KC7EBG	9
0 AL' - KF7RV Hiram P. Maxim ...	11 #'DAN' N7VXJ	12 147.28 NET 7:30 PM --------------- #'CHUCK' N7WGW # ERIC N7IXO	13 W7DK MEETING Library 112 St.E.& WALLER RD. 7:30pm	14	15	16 # YURIY KC7BTQ # LYNN- KC7FTG
7 JERRY-KB7RIB	18 # WORTH -W7WG # PETER-N7ENT # TERRY N7YHP	19 147.28 NET 7:30 PM --------------- MVWS VE TESTS #'VAL'-KA7FLH	20 LOGGER'S BARK *DEADLINE* #'DAVE'N7UNN	21 # GARY-N7GWC #'JON'- KC7DKH	22 #'CHUCK'-W7PWN #'CHUCK'-N7BTC Walla Walla Hamfest-Milton Freewater, Oregon	23 #'JOE'-KA7DCX *Autumn begins*
24 Walla Walla Hamfe...	25 LADY'S PINOCHLE CLUBHOU- SE NOON #'BOB'-KG7SM	26 147.28 NET 7:30 PM --------------- #'ALEX'-KB7LNZ #'BUD'- KC7AVT # FRANK KC7CQW	27 W7DK MEETING Library 112 St.E.& WALLER RD. 7:30pm	28 #HAROLD-KA7MZA #LORNA -KB7YTJ	29 # JOHN-WB7ARK # CECIL KC7DDA	30 ***ARROWS MEETING 10am @ KC7BAL QTH*** North Kitsap Hamfest/Swapmeet #ARCHIE-KC7ETO

Happy Birthday!

Coming Events

September 1-4 - Missouri Event

September 2 - Pinocle/Potluck - 7pm - at the RCT clubhouse

September 2-10 - Hiram P. Maxim Memorial Birthday Celebration

September 6 - Board of Directors meeting - 7:30 PM - at the RCT Clubhouse - members welcome

September 9-11 - ARRL September VHF QSO Party

September 13 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - Progra

September 13 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - Progra

"County Hunting" Kathleen, N0EKY and Roger Nace, K7AYC.

September 22-24 - Walla Walla Hamfest - Milton Freewater, Oregon

September 23-24 - Washington State QSO Party

September 27 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - Progra

September 27 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - Progra

USS Missouri Project Wrap-Up, Tom Sanders, W6QJI and Lorna Nelson, KB7YTJ - Sl
Show, Stan Warburton, N7KMF.

September 30 - AROWS - Northwest Trek - sack lunch

September 30 - North Kitsap Hamfest & Swapmeet

"Goodbye, and thanks for the radio", said Tom with a short wave.

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

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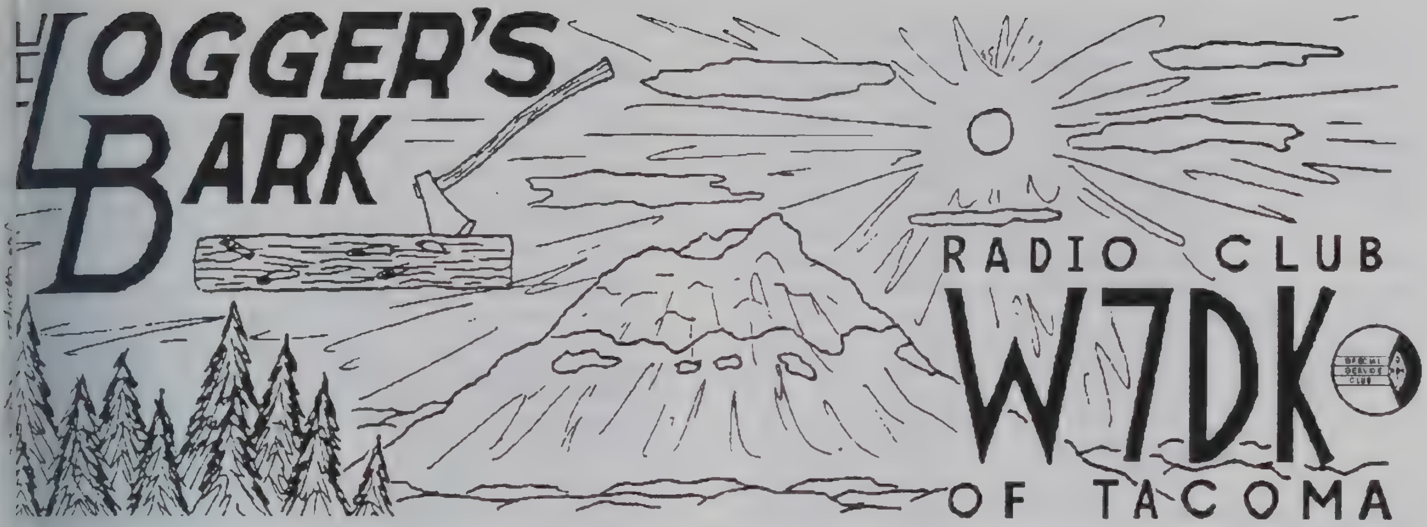

LOGGER'S BARK

RADIO CLUB
W7DK
OF TACOMA

VL. XXXII NR.10 W7DK OCTOBER 1995

From The President

de Jim K7YLM

What a month this has been for the Radio Club of Tacoma. I have been around the Club for a few years and have never seen activities like we have had this September.

First, it was the Missouri Project. We had four days of continuous operation with nearly 1000 contacts p day. The effort, the teamwork, the preparation were nthing short of outstanding. A special thanks to the Mike & Ky ARC, the North Kitsap ARC and especially the gang fm our Club, all of whom made this truly historical event a sccess.

Our next trip was to the Soldiers Home at Orting, WA. Ve were greeted with open arms and a bit of amazement. Anumber of times it was said, "what are you guys doing wh those wires up in the trees?" By the end of the day eryone knew what we were doing. We had contacted mny states, the North Pole, the land down under and a few trs into Europe. A special thanks goes to Maury Anderson, K7THR, for making all the special arrangements.

The next weekend we went to McChord AFB for an aenna party and family outing presented by John, K8MAU. We got to use the biggest antenna I have ever sen, courtesy of the group at K2USA. There were lots of secial antennas for Antenna Wars, some nice games for th kids and a super special picnic.

We then went to Puget Island on the Columbia River in Vahkiakum County. Two full days were spent making cntacts for the Salmon Run (The Washington State QSO Frty). We gave a lot of county hunters a contact with a re county. Until we got there, they had only 12 amateurs.

We also found time this month for a Board Meeting, two gneral meetings, a full slate at the Puyallup Fair, an aenna raising project and several hundred packet cntacts.

There is only one thing that makes our Club great. It is yur enthusiasm, energy, and cooperative effort. A while bck I asked you to be a part of history. It was an uderstatement. You have ***made*** history. Keep it up, gang. Ve have only started.

[Editor's note: This issue of the Bark is really special because you can read from article to article different views of a colossal World At War saga. Mighty Mo and her sister ship the New Jersey sailed the oceans of the world, fought in many battles in the world and for the MO's final celebration the New Jersey was the ship that became the amateur radio antenna plat form. It took Vice President Al Gore to secure the call sign WW2END at the eleventh hour. Thousands of people stood in line for hours just to say they were there. Thousands of ham operators took part in the celebration with their callsigns, from Puget Sound and around the world. Media of all forms swarmed over the ship and reached out to the world in this celebration that signaled ***The End***.]

The MISSOURI Project: Personal Perspective

de Jana Sanders, KB7HIV

I really didn't want Tom to be Project Manager for the MISSOURI Project. After having been married to him for more than twenty-seven years, I knew what would happen: he would completely exhaust himself in order to fulfill his inner vision of this once in a lifetime event.

I also knew that this project had to materialize. There was significance and beauty that transcended my apprehension and

(cont'd on page 4)

RADIO CLUB OF TACOMA
1995

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V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
SECRETARY	JUDY KIRKREIT	AJ7R	927-7825
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	JOHN McALLISTER	W7MSR	952-7388
	ALAN ALLEN	N7EAY	475-7413
	BRIAN SPINDOR	KA7KUZ	756-5030
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PUBLISHER	W7DK PRESS	N7QHW	265-3661

****

CLUB MEETINGS: 7:30 pm

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206 / 759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Mail all articles to Ralph Fuller, KA7FIG, 8208 Southway SW, Tacoma WA 98498. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO *THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK / Radio Club of Tacoma

147.88 / .28 MHz	144.97 - Packet
147.98 / .38 MHz (pl 103.5)	441.00 - Packet

New Members:

Richard E. (Larry) Watson, KD4VOM RCT #186
17103 Spanaway Loop Rd S #4
Spanaway, WA 98387 539-4645

Louis L. Iverson, Jr, KC7CQM RCT #186
26616 Carnaby Way
Kent, WA 98032-7181 852-1778

W. Russell (Russ) Floyd, KC7IBX RCT #186
1115 E 136th St
Tacoma, WA 98445 536-0905

Walter Lynch, KE6CKP RCT #186
504 167th St Ct E
Spanaway, WA 98387 537-4007

Jim Anderson, KC7MTN RCT #186
2419 Jahn Ave NW Rv32
Gig Harbor, WA 98335 209-3117

Jim Silvey, KC7HDQ RCT #186
9911 62nd Ave Ct E
Puyallup, WA 98373 841-1210

Bill Balzarini, KL7BB RCT #187
2525 S 355th Pl
Federal Way, WA 98003 927-1054

Reinstatement:

Don Wean, N7TBL RCT #187
2128 Meridian St S Apt D306
Puyallup, WA 98371-7545 840-6253

Address/Phone Changes:

Major Owens, N7GSF
1426 N. Shirley St
Tacoma, WA 98406 759-2844

Dan Soethe, KC7LRD
30921 16th Pl. Sw #-C
Federal Way, WA 98023-4316

Frederick Masters, KAØSKW
P O Box 205
Silver Creek, WA 98585 360/985-76

Arnold Couch, KC7JPP 588-1475
Lucky Atkins, KC7MTM 473-8525
Chuck Inge, N7ETC 360/876-387

Radio Club Of Tacoma - VE Testing

The Radio Club of Tacoma, W7DK will be offering an license class examination session on Monday Novembe 6pm & December 30 10am at the Clubhouse, 1249 Washington. Pre-registration not required. Be sure to br original and copy of license and any CSCE plus a piece identification.

For information call Jerry Seligman, W7BUN 845-7652

Walk-Ins Are Always Welcome

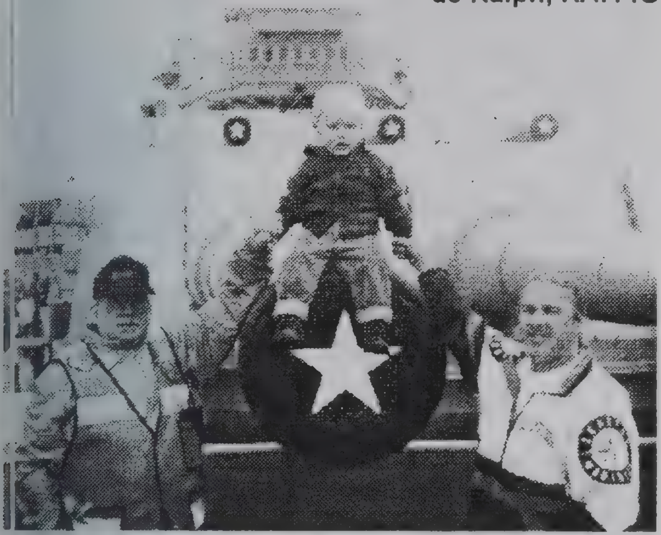
Address Changes

If you change your address, don't forget to notify the c immediately. The Post Office will not forward your Logg Bark, but instead returns it with $.50 postage due. Al members who notify the Post Office that they will "temporarily away" will have their Bark returned to the Cl Each month as many as 6 to 10 Barks are returned; memb don't get their Barks and the club loses about $50 a year. Dick, W7RGD, 627-0922, or Jerry, W7BUN, 845-7652, report any changes in address, phone number, or call si Thank you!

Rick Nelson, editor of the *Cathlamet Eagle*, will prov coverage of the Puget Island "Dx-pedition" in the Novem *Bark*. Pictures by Stan Warburton.

The Editor's Log Pile

de Ralph, KA7FIG



This month I have asked our regular reporters to inject io their articles a piece of themselves, so you can have a fvor of just how much fun there is in being a volunteer. The pcture above featuring Samuel Jordan Fuller sitting on a wet steen inch rifle, which his dad Richard Raymond Fuller sat i the very spot Sam was occupying thirty -one years ago with Ralph Louis Fuller, KA7FIG, who began the legacy.

You will notice that I have on my Security Vest so technically I am at work with Stanley Warburton the III, N7KMF, who spent four days on the Missouri and her sister ship the New Jersey, operating as the MO's Project Official photographer. Stan went into nooks and crannies with his lumpy little body to shoot just the right picture.

For me, the Mo Project was a dream come true. Never in all my life in the RCT has four major Clubs, North Kitsap, President Jeff Horn, N7EDA; Mike and Key, President Carolyn Pasquire, WV7Q; Burley, President Tom Moore N7LPS; and RCTs, Jim Kirkreit, K7YLM, together with ROWS, President Tressie Hughes, KC7BAL, pitched into a such a historical cause and pulled the project together under miserable working conditions with comradeship. What ever the aches and pains, the good, the bad and the ugly, made my day. **Timber**

Four Days In September 1995 --

Personal Perspective on the USS MISSOURI Project

de Tom Sanders, W6QJI

It has finally dawned on me that the operational phase of the US MISSOURI Project is over, and that it was an overwhelming success. I have been asked by the *BARK* Editor for a personal perspective – a look back over the Project to recall some of the memorable moments. There certainly were many; a few of them come easily to mind.

My initial contact and negotiations with the gentleman Capt. Gideon Almy III, Officer in Charge at NAVSEASYSTEMS, Command Detachment, just before he retired, and his enthusiasm for the Project.

My initial contacts with Jim Kirkreit and Carolyn Pasquier and working with the membership of their clubs.

Working with Tom Foley and his great crew at Global Associates.

The protracted negotiations with the FCC and contact with the Office of Vice President Gore - particularly the decisive way that they intervened on our behalf to finally spring WW2END - the day before Ops were to start.

The decision to invite Matt Amis, AA7LP, as on-board Systems Manager, and the privilege of working closely and seamlessly with a truly fine gentleman.

The extended discussion with the NKARC board ending in the decision to expand the scope of the Project and invite the participation of the leading clubs in the greater Puget Sound area – Mike and Key, Radio Club of Tacoma – and then the smaller clubs of the Kitsap Peninsula.

Grasping the true significance of what we had started when the initial NKARC survey team came back from the ship with their recommendations for operating and antenna sites.

The decision to look for team managers in the other clubs and inviting Alan Hughes to be the Support Team Manager rather than building on our very capable survey team.

Building the overall Project management structure, implementing it and watching the Project unfold.

Working with the great commercials: Pat Wormley at ICOM, Tom Schiller at Force 12, Ted Shannon Henry at Henry Radio, Dave Roddy at Radio Depot and Jack Thornton at Shoestring Antennas.

The wonderful financial support from Mike and Key, Radio Club of Tacoma and the North Kitsap Club when the Navy unexpectedly hit us with a $3,500.00 tab for escort and support services.

The quiet and efficient around the clock papermill run by Matt and Gene.

Walking down the pier with the initial operating team to put WW2END on the air.

The smooth and efficient installation of the antennas by the Support Team and their heroic effort in moving the fully assembled antenna from the aft turret on MISSOURI to the aft turret on NEW JERSEY and shutting the system down in the middle of the night in the rain with lightning strikes in all directions.

Seeing us break camp and drive away with a dead battery in my HT so that I couldn't tell everyone how incredibly proud I was of what they had done and what a privilege it was to have worked with them.

Looking back at MISSOURI, as Jana and I drove away -- the antennas were gone, the rigs were silent and the ship was host, for a least a few more hours, to an eager public – and, wondering what the future might hold for that grand Old Lady, the **USS MISSOURI.**

We came there to commemorate the end and the lessons of WW II, W II veterans and their families and the sacrifices and achievements of those who served at home. We did that, and we did it well.

In the two weeks since MISSOURI, something truly wonderful has happened – to me and, as a result, to all who participated. I have received dozens of letters, e-mail and FAXs which put everything in finally perspective. The universal theme is summarized in the following excerpt from a letter –

> "I hope you are aware of how much your efforts meant to the WW II vets and the rest of us who can remember at least some of the war and who have lived in a better world because of their sacrifices. My late father was a WW II Navy vet, and he often spoke of the 'Mighty Mo' as a powerful symbol of a turning point for the world. It was an honor to share, in a small way, in your celebration. I was moved by the comment on 75m by a fellow ham, and a veteran of the war in the Pacific, who said that today you provided some closure for him after 50 years."

And, there was one of the operators who, at the end of his shift, turned awkwardly away and down the ladder. He stopped and came back his eyes brimming with tears and memories of another time. He hugged me and whispered "thank you" and then turned and disappeared down the ladder.

Amateur radio has been very good to me all of my adult life, and I wanted to give something back to it. The MISSOURI Project was the vehicle, and we did it together.

Thank you for everything.

News from ARRL

de Jerry, W7BUN

FCC Chairman Reed Hundt has proposed actions to save money, including personnel reductions and facility closings. Three of the current six regional offices would be closed including the one in Seattle. Nine of the current 25 field offices would be closed; the field office in Seattle would remain open, but the Portland office would close. All nine monitoring stations would close and all monitoring from field offices would cease. "Electronic monitoring" would be done from a central location in Maryland. Hundt proposes these actions to take place by July 1996.

German Cosmonaut Thomas Reiter, DF4TR, has joined the Russian space station Mir, and will operate signing DP0MIR during the 135 days planned for his flight. Primary frequencies to be used (preferably in split mode) are 145.800, 145.550, and perhaps 145.200 MHz. QSLs for DP0MIR should be sent to the DARC bureau.

According to a letter released in early August by the US Department of Defense: Effective October 1, 1996, it is directed that the CW mode of communications will no longer be used on any MARS circuits, networks, or frequencies. It is recognized that CW can no longer compete with the rapid development in radio technology. Therefore, CW is to be retired from use within the Department of Defense MARS.

The FCC's new "Interference to Home Electronic Entertainment Equipment Handbook" is available for $2.50 postpaid from the US Government Printing Office, Superintendent of Documents, PO Box 371954, Pittsburgh, PA 15250.

Astronomers at Caltech's Big Bear Solar Observatory in California have photographed what may be the first sunspot of the next sunspot cycle. The new sunspot found on August 12 had a magnetic polarity opposite to that seen over the last decade, a key to identifying it as "the manifestation" of the start of a new cycle. Scientists expected an early beginning to Cycle 23, but not this early. Sunspots in the new cycle should reach a high level of activity in 1998 or 1999.

The FCC has issued a new form 610 dated March 1995. The only difference between this new form and the November 1993 form is that the applicant must now provide a daytime telephone number following his/her signature. Both the 11/93 and the 3/95 FCC Form 610 are currently acceptable for use.

Amateur utilization of the new 219-220 MHz band is off to a slow start. So far only 30 requests have been received for the 219A kit necessary to apply for privileges on this band.

(MISSOURI Project - cont'd from page 1)

concern. So, for twenty two months, Tom's full time day job, working on the MISSOURI Project, expanded to whole days plus evenings and weekends as more and more meetings became necessary. The Project became enormous and compelling – a tide that carried us forward. It was indeed a sleeping giant that awakened and came to life.

The fragility of the Project was heartrending. One day, the ship belonged to the Navy; then it was stricken from the Navy ship Roster – does that nullify our original agreement with the Navy? Then the ship was leaving for Hawaii - was this to be the end of the program? On again, off again, day by day.

The running negotiations with the FCC were a test of patience – month after month of assurance that the call was ours, and our inability to get the FCC to release it. Then their absolute refusal to release it – the negotiations with the Office of th
President. Then, the day before ops were to start: WW2EN.

For months, the project seemed financially sound - w
on track and on budget. Then, the Navy tells us, ar
Commemorative Committee, that they will have to charge
escort and support personnel - $3,500.00 for us. Mike an
Radio Club of Tacoma (and the AROWS group) and the
Kitsap Club came to our rescue financially, and we wer
again.

The final straw came after we had installed the anten
the positions we had agreed upon with the Navy - "the Nav
doesn't feel their appearance fits the decor of the Commem
Ceremonies (to follow) on Sept. 2nd." Alan, and his S
Team, were heroic in the effort they mounted to move the
fully assembled antenna from the aft turret on MISSOURI
the pier to the aft turret on NEW JERSEY.

And, there were a lot of other smaller but no less nea
situations.

The Sept. 1st - Sept. 4th weekend finally arrived. We
were "on." At this point, I was so concerned about Tom, th
real significance of the commemorative weekend, that w
clear in the beginning, had faded.

Then, two events reminded me why this project was
whatever it took - and more. During the ceremony on Sat
the keynote speaker, the US Marine Corps Commandant, re
the history of the organized militia of revolutionary times
spoke of the code of loyalty and respect which military pers
give each other. He told of a marine who threw his body
grenade to prevent his buddies from being killed – he receive
Medal of Honor posthumously.

Four planes flew over head in the missing man form
My heart broke as one of them soared and disappeared
distance. Those planes took me to that place - to those me

The following day, I spoke to two of the operators at c
the on board stations. I think we were all very tired. The enc
of the event, and our presence on board MISSOURI,
possible one of those conversations all of us too rarely have.
of the men, a Viet Nam Veteran, said that he could sens
presence of the countless men who had served on MISS
over the decades. He and the Korean Vet described what the
and what they saw during those wars and how each of
experiences had, at times, terrified them and had profo
affected their lives.

I needed some time alone. I climbed down onto the
deck and let myself reach back through time - throug
battles that this Grand Old Lady had fought. The guns
deafening - their flame more like lightening than fire.
sailors emerged moving in perfectly orchestrated chao
looked at those men closely as they passed me. No w
Gods - just ordinary men - some battle hardened - o
intense young men doing what their homeland and their
demanded of them. They were like the men I had just talk
- some tired - some frightened - but, all drawn inexorab
endurance and survival of the worst, to serve their country
protect the people so very dear to them. I was reminded
quotation: "There are no great men; there are only ordinary
doing extraordinary things."

So, that is why the MISSOURI Project was worth all o
sweat and tears. Every time we think of past wars, we
remember the ordinary people - like us - and the extraordi
things they did - from whom destiny demanded greatness.
as we think of them, we must look into ourselves and see m

Thank you Mike and Key, Radio Club of Tacoma,
Kitsap Radio Club and the smaller clubs of the Kitsap penin
I will always be grateful.

RACES/ARES

de Shirley, N7QHW

It is that time of year again when we hold our annual election of officers and Board Members. We will soon announce who the nominations committee is and I would like to encourage any or all of you to volunteer to run for an office or Board position and get involved. Perhaps a brief explanation of how we are o anized and the persons to contact would be helpful so here goes. The current organization of the Pierce County Emergency Communication Services (PCECS) for both RA.C.E.S. and A.R.E.S. divides the county into Zones by g ographical outlines and three districts, each of which is c mposed of a zone or zones. Zone is used by Pierce County D partment of Emergency Management as an identifier for d p areas for supply purposes, etc., in the event of a d aster. For management purposes, three districts have b en identified for the county. District West which consists of Z ne 1; District Central which consists of Zones 2,3, and 4; a d District East which consists of Zones 5 and 6. Each zone h s a manager who is the person that you as a member w uld be in contact with on a regular basis.

In addition to Zone Managers, there are specialty areas w ch have their own manager which are the Emergency B s, Hospitals, TAC ONE, Water/River and Public Service E ents.

The following is a list of the District Coordinators, Zone M nagers, geographical areas and managers for the specialty a as. Feel free to contact any of them if you have any q estions or wish to volunteer to run for an office for the o anization.

DISTRICT WEST

C ordinator Jan Paterson, N7QHU 265-6551

Z NE 1 MANAGER (Gig Harbor/Key Peninsula) Mac Parks, W6NBD 858-6468

DISTRICT CENTRAL

C ordinator Paul Robertson, N7WGU 752-0205

Z NE 2 MANAGER (SoTacoma/Lakewood) Mario Badua, KD6ILO, phone not known

Z NE 3 MANAGER (Tacoma/Puyallup) Paul Robertson, N7WGU 752-0205

Z NE 4 MANAGER (NE Tacoma) currently vacant

DISTRICT EAST

C ordinator Irving Ostrich, WB7VQH, 897-6095

Z NE 5 MANAGER (Parkland/Spanaway/ Eatonville/ Graham) Ralph Funkhauser, WB7VLW, 848-6831

Z NE 6 MANAGER (Buckley, Orting, E County): Tom Heintz, KB7JUJ, 829-1879

B SE STATION MANAGER Eva Anderson, WB7QNS 564-8347

H SPITALS Dick Marsden, N7RHV, 752-7735

B S Bud Bush, N7HKS, 474-2804

T C ONE Sam Roe, KB7QQQ, 845-1832

W TER/RIVER Bud Geisert, W7SWA, and Scott Geisert, N7XTI, 893-2971

P BLIC SERVICE Judy LaFleur, N7NII, 847-5198

Each zone has a simplex net each week for their n mbers. Feel free to check into the net for your area. The n , day, time and frequency follow.

Z ne Net	Day	Time	Frequency
Z ne 1	Mon	1900	145.350R
Z ne 2	Tues	1830	146.460S
Z ne 3-4	Tues	after PC net	145.530S
Zone 5	Tues	1845	146.430S
Zone 6	Tues	after PC net	146.490S

The Pierce County Emergency Services Net is held each Tuesday at 7:00 PM on the 145.37MHz WC7AAO repeater and on the 442.45MHz KE7LE repeater. You may check into the net on whichever repeater works the best for you. Please join us on the net on Tuesdays and hear about what is happening.

If you would like additional information or wish to obtain an application to join Pierce County Emergency Communication Services, you may contact your manager or Shirley, N7QHW, Secretary at 265-3661.

For those of you who were unable to participate in the USS Missouri project, you really missed a fantastic experience. It was a great experience for antenna building and mounting, operating busy frequencies, working as a team with others and maintaining a log. It is these kinds of experiences which can help us to become a better functioning team and as well, an experienced team. Perhaps our local ARES/RACES group could volunteer to cover a band during the 1996 Field Day. But in the very near future, tune into the Emergency Services Net on Tuesdays to learn more about our SET Exercise coming in October.

MISSOURI '95

de Lorna, KB7YTJ

Labor Day Weekend, 1995, and the USS MISSOURI quietly sits at the dock of the Puget Sound Naval Shipyard fully decorated in a splendor of Red, White and Blue. Being scheduled as a member of the first team of operators for the Special Event Station, WW2END pride and excitement swelled inside me as we were escorted to the dock entrance. Tom Sanders spoke proudly, "We are really going to do this thing!". Of course he was speaking not only of the moment, but of the culmination of months of hard work, preparation and contributions of so many people that created the "MISSOURI Project". As we paraded past the ship yard guards, through the gate marked "authorized personnel only", I could see Alan, Val, Bob, and other members of the Support Crew still working and scrambling to get every last coax connected and radio operational.

Noon/Friday, September 1, 1995, WW2END is on the air!

I was honored to present WW2END to the world of ham operators from the deck of the USS MISSOURI. At my side was my husband Owen Nelson, KB7UXP, my logger, and Mr. Carter Reynolds, a public relations officer aboard the MISSOURI 50 years ago at the signing of the Treaty ending World War II. With our first contact, Mr. Reynolds was able to describe the ceremony and his experience to all those in reach of our signal.

WW2END was most definitely a success in reaching out to every corner of the world, celebrating 50 years of peace since the end of World War II. All of the hard work of so many people finally reaped so much reward. I hope that each person given the opportunity to work WW2END felt the joy and pride of sharing this **event** with those who had made the peace possible. The Support Crew led by Alan, KB7SVU, was spectacular. Those helping in the Command Tent with Matt, AA7LP, as the "Tiger Team" were able to fill most needed logging and operating shifts. **EVERYONE** involved deserves a hand for their contribution to this historical Event.

Thanks to **EVERYONE** for your support and contributions of time and energy. Thanks to Tom Sanders and the North

Kitsap Radio Club for the dream and the invitation allowing us the opportunity to be a part of WW2END!

A memorial book of the Special Event Station is in the works, with publication to be announced. This will include pictures, captions, historical journals, etc. Anything that is thought to be relevant to this project and the people making it all happen should be turned into Lorna, KB7YTJ; Jim, K7YLM; or Tom, W6QJI.

Promotional Tee Shirts, Hats and Patches are still available or may be ordered. These items bear the official design representing this great event, with proceeds to generate financial support for event QSLs and operational costs. Tee Shirts are $17 (incl tax) up to XX-large. XXX-large is available at $18. Hats are $10, and Patches are $5.00. Contact Tressie Hughes, KC7BAL, Tom Sanders, W6QJI, or Lorna Nelson, KB7YTJ, to place your order.

WW2END: Mission Accomplished

de Mike, KB7QOP

I remember staggering off to bed at 0600 Sunday morning with a lukewarm one-liter of coke in one hand and my TH-78A in the other. The simplex frequency was quiet at that early hour, and it was a relief to collapse in an exhausted heap and catch up on the sleep my body so desperately craved. "Bed" was the back of my Ford truck, and while it was not exactly the equivalent of a queen-size waterbed, it was more than welcome after capping off over 24 hours of constant activity with a two hour stretch battling an S8 noise level on 40 meters. I had relieved Wade, WA7OHG, at 0400 to work the 40 meter CW station onboard the Missouri, and the static had rarely bothered to allow the large number of weak signal stations calling to become audible enough to copy. As I drifted off for my much anticipated nap, the words of Jim, K7YLM, came to mind, and I had to smile: "it just doesn't get any better than this."

It had all started the previous winter, and I will never forget the excitement in Jim's eyes as he enthusiastically described the plans that the North Kitsap club had made to operate from onboard the USS Missouri to commemorate the end of World War II. The kicker followed: we were going to get to be a part of it! The idea of participating in something as unique and monumental as the Missouri project was exciting in itself, and as the months started to slide past my own enthusiasm reached all time highs. I was going to get to be a part of history, and it is hard to describe the excitement that knowledge can bring. Many of you know what I'm talking about, because you were there.

I had the highest expectations from the outset for the event, and there is always a danger that an individual can get his hopes up too high. Not this time. My wildest dreams could not have prepared me for the experiences of that September weekend, and I will never forget those days as long as I live. It was the crowning achievement of my short but active Amateur Radio career, and it's going to be wonderfully difficult to beat it.

Early on Jim volunteered me to act as the CW training manager, and it was a job I accepted with pride and enthusiasm. The fact that I had the privilege to be a part of the project itself only added to my enjoyment of the entire experience, and while it was at times a lot of work, it was well worth it. Words can not describe the pleasure that comes from working with an enthusiastic, dedicated group of people whose selfless devotion to getting the job done far outweigh the problems and challenges of putting on an event enormous as operating WW2END.

I won't soon forget my reaction to hearing that we actually going to be able to use the WW2END callsign. months of frustrating tension over the possibility of not ge the special call, I had finally resigned myself to the fact we were not going to be able to use it. Tom, W6QJI, had as much in a phone conversation and the finality of pronouncement had been a disappointment that I had recovered from. Imagine my surprise, then, when the before the project kicked off I heard someone on the repe casually mention to Jim that the callsign had been appro after Vice President Gore secured the call sign. I was dri in Seatac at the time, and I remember shouting in ecs glee while raising one fist triumphantly (luckily I rememb to keep the other hand on the steering wheel.) I was o emotional high from that point on, and I don't think I came down until long after WW2END was history.

I could fill pages with my memories onboard and ar the great battleship over that long, fun filled weekend everyone had worked so hard to bring about. Memorie sitting in the command tent and waiting eagerly to see who wouldn't show up for the next shift, so I could fil Memories of a fun-filled stretch of some four hours meters from onboard, when I made so many contacts on 145.33 that I had to get on simplex and plead for someor bring me extra log sheets. Memories of standing atop wind-whipped gun turret onboard the New Jersey as light flashed and thunder rolled, helping to lower the anter before the storm got any closer. Memories of being pa something wonderful. I did more and experienced more th ever would have thought possible in one weekend, and enthusiasm, dedication and drive of all those involve something that no one could ever come to describe in wc I won't even try. It will be enough to simply say: a job done. And thanks for the memories.

20 Years Ago - October 1975

Eleven RCT members traveled to the Walla W Hamfest and RCT's Emil Koth, K7GPK (now Silent Key) one of the grand prizes. The Club's campout at Westport enjoyable with excellent weather. Joe Duncan gave the la motorcycle rides on the beach. Novice classes have be with many signing up at the Puyallup Fair booth. The voted to spend $900 to purchase an HF station for the r room and Chip, K7VPF (now K7JA) has installed a Collin line station. A lot of repair work has been done on Clubhouse this past summer including the installation new roof.

VE Testing

The Maple Valley Wireless Society will conduct a License examination the Third Tuesday of each mo and shall begin 7pm, promptly at the Auburn Fire Sta located at 1101 "D" Street NE, Auburn WA. Be sur bring original & a copy of your license and any C plus a piece of identification. For more informatio how you might participate, call **Bill, W7GBC**, 584-1 or **Ralph, KA7FIG**, 582-5841.

Walk-ins are always welcome.

October 20th is the day Official Ball along with candidate's pictures statements will be mailed to all members

Amateur Radio Exams in the uget Sound Area as of September 24, 1995

t or 2nd Tuesday - 7 PM - Puyallup Fire Station, 128th St. one block west of Meridian, Puyallup - Contact Mike Horbul, KI7YB, 845-2545. Sessions Oct 3, Nov 14, Dec 5, Jan 2, Feb 8

t Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, Kirkland - Contact Brian Wood, KF7QF, 481-2361, Bothell

t Saturday - 10 AM - North Seattle Comm. College, Rm 3343, 9600 College Way N. - Contact Mike Mitchell, W7WHT, 282-1438, Seattle

t Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, Kent - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

d Tuesday - 6:30 PM - Everett - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

d & 4th Thursdays - 7:00 PM - Ft. Lewis Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

d Saturday - 10 AM - Tukwila - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

d Tuesday - 7 PM - Auburn - Fire Station, 1101 D St NE -Contact Dave Barber, K7LHB, 432-1594, Maple Valley

d Saturday - 9:00 AM - Ferndale - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

d Saturday - 1 PM - Renton - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

d Saturday - Sultan - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

d Saturday - every 4th month - 9:30 AM - Montesano High School - Pearsall Center, 2109 Sumner Ave - next session - May 20 - Contact Nick Bender, NX7W, 249-4671, Montesano

h Tuesday - Stanwood - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

h Wednesday - 6:30 PM - Everett - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

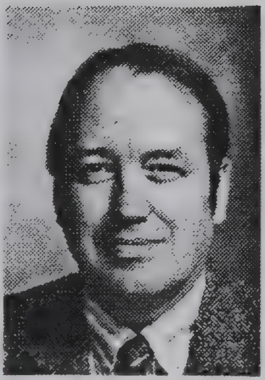
h Saturday - 10 AM - Marysville - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

h Saturday - 9:30 AM - Bremerton - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

miannually - Saturday - 9:30 AM - Olympia - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

ovember 6 - Monday - 6 pm & December 30th - Saturday - 10 am - RCT clubhouse - Tacoma WA ontact Jerry Seligman, W7BUN, 845-7652, Puyallup

ease send updates to: Jerry Seligman, W7BUN, 12306 th Ave East, Puyallup, WA 98373 - Phone: 845-7652



September 1995

de Mike, WB7DFQ

A few days ago the *Bark* editor, Ralph KA7FIG, called me and ask me to write about what I have done during the month of September because he wanted more human interest stories in the paper. Sounds like the dreaded first day back to school. The truth is I didn't do anything interesting during September so I will need to slide back into August. Sorry Ralph!

The last two weeks in August, I was able to take Sally, KB7PKJ, with me on a business trip to Boston which we extended into a mini- vacation. We did all of the tourist things and saw many of the sights. We also took along the handhelds and were able to talk to a lot of nice people on two meters. Yes there are hams in Rhode Island, I even had a QSO with some of them. One of the most interesting things which we did during the trip was even related to radio.

During a day spent on Cape Cod we visited the Marconi wireless site at Wellfleet Massachusetts. It was from this site that Marconi conducted the first two-way radio communications between the United States and England on January 18, 1903. Although not the first two-way communications between North America and Europe, that event had occurred on December 17th of the preceding year from Glace Bay, Nova Scotia, it is still a significant event in the history of radio.

Oh! but what a station it must have been! Power was provided by a 2,200 volt AC generator which fed a transformer that stepped the voltage up to 25,000 volts. This was fed to a bank of 33 condensers made from glass sheets and metal plates submerged in oil. From there the power went to the spark gap transmitter which consisted of a three foot diameter wheel with 16 electrodes evenly spaced around it. This wheel was rotated at 2,100 RPM which caused the electrodes on the wheel to pass by fixed electrodes thus creating a spark that induced RF in the output transformer which was about six feet in diameter. The resulting RF energy was coupled to the antenna system that was supported by four 210 foot towers arranged in a 200 foot square pattern. Between the tops of these towers was a wire, also in a square pattern, and from that wire were hung 200 additional wires which ran down to the transmitter in the form of an inverted cone. When in operation the sound of the transmitter could be heard five miles away!

Very little of the original site remains to be seen. Just a few pieces of concrete and brick marking some of the foundations. In fact, if erosion of the bluff upon which it sets, continues at the current rate the entire site will someday be claimed by the Atlantic ocean. The Cape Cod National Seashore unit of the National Park Service has erected an exhibit shelter at the site which houses a scale model of the original station along with some commemorative plaques.

It isn't very much to see but the feeling which comes over you as you look out over the ocean is hard to describe and for just a moment you can imagine experiencing those historic moments in radio. And that is what I did last summer, Mr. Fuller.

73

Coming attraction at the 1st October Regular meeting: Nominations from the floor with candidate's permission.

A Trip To The Soldiers Home

de Jim, K7YLM

MAURY
KA7THR

Maury, KA7THR

A while back Maury Anderson, KA7THR, invited our Club to come up to the Soldiers Home at Orting for a mini-Field Day. It was an honor to accept.

A group of our members went out with two HF stations and a VHF packet station. We set up our stations in a gazebo. Many of the residents came out to watch and to participate in the activities.

Maury was our honorary chairman and did a great job. We contacted the North Pole, Italy and a number of states around the country. One special contact was with a ham operator on a farm in the mid-west. He stated he was operating from a storage shed 100 feet from his house. He said there were no windows and it was dark inside. I asked why he didn't turn on the lights. He said that, if he did, the wasps would sting him. Wow! and I thought CW mobile was rough!

Well, we had a great time, had some really nice antennas, a great lunch and, above all, made some nice friends. Maury has invited us back and I told him that we really would like to return. With our little "show and tell" stations we brought a bit of happiness to the fellows and ladies at the Soldiers Home. When we go again, please come along. Ham radio can sure give a smile to a soldier. 73

Election Of Club Officers

de Shirley, N7QHW

Last month, I mistakenly called the Nomination Committee the Election Committee and would like to clear it up now. The Nomination Committee this year is Don Murphy, N7AEJ, 759-5962; Tom Murphy, N7QHX, 265-3661; and Jean Treloar, KB7SVX, 840-3487. Each candidate will be asked to write a brief statement about themselves which will be included with the ballot to aid members in making their choices when voting. If the candidate does not write a statement, there will be nothing included with the ballot so be sure to do that if you are a candidate. The candidates are to submit their statements no later than October 15, 1995 to Ralph, KA7FIG, Editor of the Logger's Bark; Judy, AJ7R, Secretary or Shirley, N7QHW, reporter for Logger's Bark. I encourage you to get involved and be willing to run for an office or a Board position. It is amazing how much one learns about our club when filling an office or board position.

Nominations are open until the meeting of October 13, 1995 where the ballot will be announced by the Nominations Committee and nominations will be opened from the floor for any further nominations for offices and Board positions. When nominations are closed that evening, the Elections Committee finishes the election process. The Election Committee this year is Roger Terwilliger, WA7ANJ; Willie Bourlet, KA7NXK; and Don Perry, K7QLC.

For review, the following is reprinted as a reminder of the process.

ELECTION COMMITTEE. At the conclusion of nominations from the floor during the October regular meeting [the first Club meeting in Oct.] the President shall appoint an election committee consisting of a chairperson and at least two other full members none of whom may be candidates for election. This committee shall be responsible for composition, distribution and collection of all ballots.

BALLOT. The election shall be held by secret written ballot. Candidates for each office shall be listed in alphabetical by last name. Ballots shall be mailed to all voting membe good standing on or before October 20 of each year and be returned by mail postmarked no later than November personally delivered to the secretary prior to the start o November Annual Meeting. The ballot as issued by Election Committee shall be the official document use conducting the election. No other form, facsimile or shall be accepted or counted. Voting by proxy shall n permitted.

RESULTS OF ELECTION. The Election Committee sha the November annual meeting, accumulate and tall ballots and announce the results of voting. A majority votes cast shall be necessary to elect an officer. B Members shall be elected by a plurality (for example the candidates receiving the most votes shall be elected). If is a tie vote which prevents determination of the top four there is no candidate for an Office who receives a majori the votes cast, a written run-off election shall be held at meeting until a final determination is made. All ballots be retained by the Secretary for a period of thirty days the election or until all disputes involving the election been resolved. Upon completion of the retention perio ballots shall be destroyed.

W7DK At The Airbase

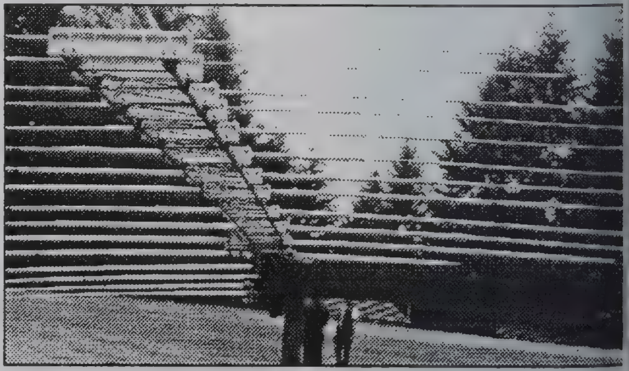
de Jim, K7

Our third annual trip to McChord Air Force Base o September was a great success! John, KB8MAU, rese the picnic and park areas at Holiday Park for us. We over 70 members from our Club, Mike & Key ARC and Kitsap ARC, as well as the MARS group. The l managed by the AROWS ladies club was really super.

We had kids games and everyone won some nice p Little Kyle, grandson of Lou, KB7WDB, and Nora, KC7 won the grand prize.

We had stations of all kinds on the air: verticals, a p station, some nice wire antennas and a few very sp mobile stations.

What really made the event special was that KB8MAU, arranged to have the Ft. Lewis MARS group over their giant log periodic antenna. It was the bi antenna I had ever seen. The boom was 87 feet long an longest of the 16 elements was 100 feet long. There w CW contest on in Finland and we were 20 over on contact we made. I sure hope we can use this ant again. You just won't believe its size and performance.



My thanks to John, KB8MAU, the gang at K2USA fo use of the monster antenna, the ladies who gave us su wonderful picnic, and all of you who came out to have a time.

Thanks, gang. You're the best!

W7DK HF Station

de Brian, KA7KUZ

CQ Contest CQ Contest This is W7DK from Wahkiakum County!

On September 23rd and 24th the Radio Club of Tacoma traveled to Puget Island just outside Cathlamet in Wahkiakum County for the Washington State C;O Party. All in all, we could not have asked for better wather and had a better time. At the time of this writing I on't have the total score but we did well. The ladies dserve special recognition for racking up the counties b breaking into the nets on 80 meters to get those nltipliers. In all, they worked a total of 26 counties and wre still looking for Adams, Clallam, Columbia, Ferry Fanklin, Garfield, Mason, Okanogan, Pend Oreille, Samania, Stevens, and Whitman when we quit at noon o Sunday. A very special thanks to the ladies and their hrd work at the mic and at the coffee pot.

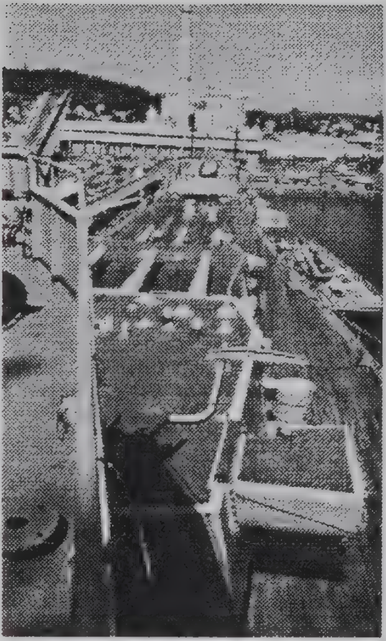
The equipment at Wahkiakum was top notch. We ued the ICOM 775DSP radio which performed without a hch. We also had the Force 12 20 and 40 meter beam atenna that was used on the USS Missouri project wich shot our CQ's across the country, into South Aerica, and into Europe. We worked stations in nearly a the states of the union, Finland, Denmark, and Fraguay. The 80 meter team used a dipole that varied i height from 60 feet to about 10 feet off the ground. Fday night the crew had a devil of a time trying use the sng shot to shoot the antenna into the tree in the dark. A you can guess it didn't work to well but they did get snal reports of 15 over S9 in Montana with the dipole about 10 feet of the ground. The 20 and 40 meter crew gt started late on Saturday when we slept late and still hd to get the beam antenna assembled and the tower u.

We did get some of the locals to join the fun. In all v had about 8 local come by and operate stations, talk aout ham radio, and learn about the Radio Club of Tcoma. One special person had to be Bill, KA7TOH. Bll had not been on the air because the handheld he had vs to complicated to program. A couple of us sat down ad programmed several of the local repeaters into rmory and showed him how to access the memory cannels. Well, Bill was extremely happy and I could tell b the look on his face that this was going to be the first tie on the air in a very long time. The very best to you Bll!

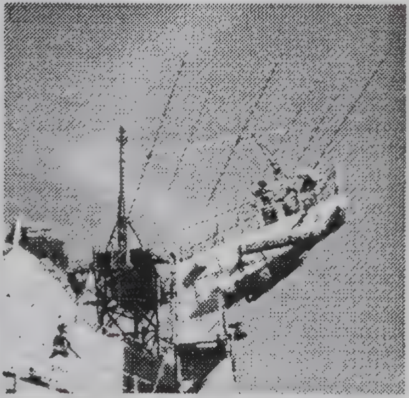
Of course with every trip there is plenty of cmaraderie and this trip was no exception. Friday night bfore the big contest we shared at bit of the spirits, sme crackers and cheese and those funny stories aout ham radio. [There was even a practical joke or to and the only thing that I can say about that is: ***Dan elly - Paybacks are Hell!***]

Will there be a trip next year? Who knows but the hms in Wahkiakum County sure enjoyed having us tere and we had a great time. Thanks to AJ7R, 7YLM, KC7JME, KB7WDB, AB7DS, KJ7BN, N7KFN, C7DKH, N7VGO, KC7AVS, N7QWH, W7GBC, the cal hams of Wahkiakum County, and anyone else I rgot. Thanks again!

Additional pictures of the Missouri Project



view forward from the Bridge



TH6DX on the refueling boom

Operations inside the Command tent

First Operations Team on the way to put WW2END On The Air!

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RADIO CLUB OF TACOMA, Inc.
MINUTES FOR REGULAR MEETING
August 23, 1995

The meeting of the Radio Club of Tacoma was called to order by President Jim Kirkreit, K7YLM, at 7:30 PM with 70 members and 5 visitors present. A quorum was present for conducting official business.

MEMBERSHIP: There are 504 members as of this date for 1995.

MINUTES: Previous minutes were available at the front of the room.

TREASURERS REPORT:

GENERAL FUND CHECKING	1,391.38
REPEATER FUND CHECKING	1,466.92
PACKET FUND CHECKING	377.94
FLEA MARKET CHECKING	6,234.03
MONEY MARKET SAVINGS	8,945.01
SCHOLARSHIP WORKING FUND	600.00
SCHOLARSHIP MEMORIAL FUND	2,629.28
CASH ON HAND	0.00
TOTAL ALL ACCOUNTS	$21,644.56

UPGRADES: Steven Sorenson, KC7KWP, announced that he had upgraded to general class.

HINTS & KINKS, TUNING & TRAFFIC: Russell, KB7UXK, said he had received his confirmation QSL card from the contact he made last year with the STS64 space shuttle. Jim, K7YLM, made contacts with Peru and Russia from his mobile CW station, and he passed out a reprint called "So You Want To Increase Your Code Speed".

SATURDAY MORNING BREAKFASTS: Jim, K7YLM, announced that the Saturday morning breakfasts are now being held at Burs Restaurant, 6151 Steilacoom Blvd. SW, each Saturday at 8:00 AM.

STOLEN EQUIPMENT: Lorna, KB7YTJ, had her Yaesu 5100 mobile radio stolen this past week. If anyone has any information, please call Lorna at 475-6149.

PHILIP J. MCGAN SILVER ANTENNA AWARD: Marilyn, KJ7BN, submitted Jerry's, W7BUN, name for the Philip J. McGan Silver Antenna Award. She presented him with a plaque given to him by the ARRL. This is a national award given to people who do a lot to heighten public awareness of amateur radio and for demonstrated public relations success on behalf of amateur radio.

SECURITY FOR THE USS MISSOURI PROJECT: Ralph, KA7FIG, asked for volunteers to help with providing security for the U.S.S. Missouri Project. Anyone interested will need to have picture ID, provide a copy of your amateur license and have a portable radio with 8-hour capability.

WASHINGTON STATE QSO PARTY: Brian, KA7KUZ, announced that he was passing around a sign-up sheet for those interested in participating in the Washington State QSO Party the week-end of September 23-24. The Radio Club of Tacoma will be going down to Wahkiakum County to operate. Brian will be traveling to that area this week-end to make arrangements and get information to pass around regarding lodging, etc., at the next meeting.

ARRL SECTION MANAGER: Jim, K7YLM, announced that Harry Lewis has been re-elected as the ARRL Section Manager.

PROGRAM: David, WB7AUJ, announced he has purchased a package of salmon for the club winner of the Washington State QSO Party. David told us contesting dates back to 1927 when the ARRL had a worldwide DX. Contesting challenges your radios, antennas and durability. The experience can't be explained - it's like trying to explain the taste of water - you have to experience it to understand it. encourages everyone to try it.

W7DK FLEA MARKET 1995: Jim, K7YLM, introduced Flea Market Chairman, Alan, KB7SVU, and thanked him his direction this year. Alan, KB7SVU, thanked everyone helped in any way, especially those who assisted with s and teardown. JM, KC7DKH, Treasurer for the event, sai realized about $4700 profit this year, which was about above last year.

NEW MEMBER CERTIFICATE: New member certificates presented to Steve Sorenson, KC7KWP, and Glen May, KC and were available for Leon Peters, KB7CAX and Lucky At KC7MTM.

NOMINATING COMMITTEE: Jim, K7YLM, announce has appointed the 1995 Nominating Committee for the Election of Officers. They are: Tom, N7QHX; Don, N7 and Jean, KB7SVX. Jim asks those interested in runnin an office to contact one of the committee members.

RCT AT THE PUYALLUP FAIR: Kathleen, N0EYK, said still has 25 slots open for shifts at the RCT Booth at the She encouraged more people to participate.

W7DK AT THE SOLDIERS HOME: Jim, K7YLM, said we be going to the Soldiers Home in Orting on Satur September 9, to put on a mini-Field Day for the Veterans. asked that as many as possible come to let these pe know they're not forgotten. Maury, KA7THR, will be Resident-in-Charge of the event.

AROWS: Tressie, KC7BAL, announced that the AR would be meeting at her house on Saturday, September 3 10:00 AM to gather for a carpool to Northwest Trek brown back lunch meeting.

W7DK AT MCCHORD AFB: Jim, K7YLM, reminded us o last antenna outdoor training session at McChord AF Saturday, September 16, from 10:00 AM to 4:00 PM. event will be a potluck gathering and will feature the W Biggest Antenna and Tower. We will have members o Army, Air Force and MARS in attendance.

USS MISSOURI PROJECT: Tom, W6QJI, talked to group about the Missouri Project. He said we're in shape at this time with parking being the only unres problem. He said Alan, KB7SVU, still needs people to with installation Friday, August 25, from 7:00 AM to 3:15 and over the weekend. He also reminded people who co operate to remember to bring a copy of their FCC License your own keys, keyers, headphones, etc. The subje getting permission to use the WW2END callsign was a discussed but Tom said we've been told the law does permit issuance of special callsigns.

LICKEM STICKEM *BARK* PARTY: Shirley, N7Q announced the next *Bark* party will be Thursday, August 3 10:00 AM at the clubhouse. She also announced the dra for the ARES survival backpack has been delayed until September meeting.

NEW ROSTERS: Jerry, W7BUN, has available new rosters membership.

USS HORNET SPECIAL EVENT: Jim, K7YLM, told membership he has been informed there will be a sp event station aboard the U.S.S. Hornet the weeken October 7-8-9, probably using the callsign WA6JVZ. operation will be located on the bridge of the aircraft carri

ADJOURNMENT: The meeting was adjourned at 9:25 P

Respectfully submitted... Judy, AJ7R, Secr
Radio Club of Tac

RADIO CLUB OF TACOMA, INC.
BOARD MEETING of September 6, 1995

The Radio Club of Tacoma Board of Directors meeting called to order at 7:30 PM by President Jim Kirkreit, K7YLM. were eight board members and twelve guests present.

A uorum was present for conducting official business.

TEASURER'S REPORT:

GNERAL FUND CHECKING	1,427.65
RPEATER FUND CHECKING	1,491.92
PCKET FUND CHECKING	377.94
FEA MARKET CHECKING	5,770.06
MNEY MARKET SAVINGS	8,945.01
SHOLARSHIP WORKING FUND	600.00
SHOLARSHIP MEMORIAL FUND	2,629.28
CSH ON HAND	0.00
TTAL ALL ACCOUNTS	$21,241.86

US MISSOURI PROJECT: Jim, K7YLM, thanked everyone wo had worked on the project and said how proud he was ht we were a part of it. A special thank you went to Alan, K7SVU, for all his work and that of his group. Jim also mntioned that the special cancellation stamp used on the Msouri would be used on the QSL cards. Ralph, KA7FIG, sid he hoped __everyone__ involved in the project would get a spcial certificate, even those who didn't get a chance to oprate..

PBLIC RELATIONS: Tami Fields offered her services as plic relations person for the Radio Club of Tacoma, but wuld like to answer only to the President or Vice President. Srley, N7QHW, felt whoever did this job would need to anwer to the Board. Jerry, W7BUN, said actually this person wuld need to answer to the Chairman for each event.

Ji thanked Tami for her offer and said the Board would take t nder advisement.

EENT AT SOLDIER'S HOME: Jim, K7YLM, said we were gng to have an event at the Soldiers Home in Orting on Surday, September 9, from 10:00 AM to 4:00 PM. Maury, K7THR, will be the unofficial chairman. Jim encouraged all wo were able to attend come and help get some of the verans on the air and show them what ham radio is all abut.

ATENNA TRAINING SESSION AT MCCHORD AFB: Jim, KYLM, reminded the Board of the antenna training session at MChord on Saturday, September 16, from 10:00 AM to 4:00 P

CRRESPONDENCE: Judy, AJ7R, read a note from Bill, WIXS, thanking the club for its note sending him good whes during his recent illness.

WSHINGTON STATE QSO PARTY: Brian, KA7KUZ, said $3 was generated at the Country Store at the Flea Market. Tese funds were to be split two ways between the HF Station a the Packet fund and $68 was raised for the Repeater fund a Mike, WB7DFQ also had $25 for the repeater fund. Brian a spoke about the upcoming event planned at Wahkiakum Cunty. There are only 12 amateurs in Wahkiakum so we will sd letters to them and have an advertisement in the Chlamet paper. He arranged for use of the grange hall on Pget Island for a rental fee of $150. Marilyn, KJ7BN, said th AROWS could offer a pancake breakfast for a nominal fee thelp defray expenses.

Ji said he would like to see an American flag flying at each oour events along with our W7DK banner. Jerry, W7BUN, w purchase one for our use.

Alan, N7EAY, made a motion that we allow $175 for th Wahkiakum event. Shirley, N7QHW seconded the ntion. MOTION PASSED.

MMBERSHIP CARDS: Jerry, W7BUN, said he was asked took into membership cards for lifetime members. He said h got a quote but he will also talk with Val, N7VGO, and Kthleen, N0EYK, about the possibility of them making cards fo us.

MNTHLY VE TESTING: Jerry, W7BUN, said we should lk into the possibility of having monthly VE testing for the Radio Club of Tacoma, instead of the irregular schedule we now have. It was suggested the tests be on a week night, possibly Thursdays.

ADVERTISING IN *LOGGERS BARK*: Shirley, N7QHW, will attend a conference next week on not for profit bulk mailing regarding what kinds of advertisement will be allowed. She will report back to the Board.

1996 FLEA MARKET: Jim, K7YLM, asked if the Board thinks we should request the use of the Charles Wright location again for our 1996 Flea Market. It was generally agreed this is a good location.

Mac, W7MSR, moved that we request permission to use the Charles Wright location again for our Flea Market next year on August 10, 1996 when we send our thank you letter to them. Seconded by Alan, N7EAY. MOTION PASSED.

FIELD DAY 1996: Brian, KA7KUZ, will be forming a committee to confirm a site for the 1996 Field Day. He said he hopes to have a site confirmed by April, 1996.

NOMINATING COMMITTEE: Jim, K7YLM, told the Board the nominating committee, consisting of Tom, N7QHX; Jean, KB7SVX; and Don, N7AEJ, is working on encouraging members to run for office.

LOGGER'S BARK: Ray Etherington's widow, Dulcie, has asked if she could continue receiving the *Logger's Bark*.

Mac, W7MSR, made a motion that we continue to send the paper to Dulcie Etherington for as long as she wishes. Seconded by Alan, N7EAY. MOTION PASSED.

NEW CHAIRS FOR RCT CLUBHOUSE: Jerry, W7BUN, requested approval of the Board to purchase two or three dozen new chairs for the clubhouse before classes begin in the fall. The members agreed new chairs were needed.

STANDING RULES: Shirley, N7QHW, requested that we put the proposed standing rules on the agenda for the October Board Meeting.

PARKING LOT: Jerry, W7BUN, asked if there is anything being done about the cluttered parking lot on the north side of the clubhouse. Brian, KA7KUZ, said he had spoken with Alan, KB7SVU, who will help with this project.

MT. ST. HELENS QSL CARDS: Bill, W7GBC, asked about the status of the Mt. St. Helens QSL cards. Jim, K7YLM, said we are waiting for the order to arrive and at that time we will have a QSL Party.

ADJOURNMENT: The meeting was adjourned at 9:25 PM.

ATTENDANCE: President Jim, K7YLM; Vice President Bill, W7GBC; Secretary Judy, AJ7R; Treasurer Jerry, W7BUN. Board Members: Brian, KA7KUZ; Alan, N7EAY; Shirley, N7QHW; John, W7MSR. Guests: Ralph, KA7FIG; Russell, KB7UXK; Nora, KC7JME; Al, KC7DDA; Marilyn, KJ7BN; Chuck, WY7V; JM, KC7DKH; Dick, W7RGD; Denny, KB7NAG; Tami Field; Mike, KB7VNT; and Rob, K7TGU.

Respectfully submitted, Judy, AJ7R, Secretary
Radio Club of Tacoma

RADIO CLUB OF TACOMA
MINUTES FOR REGULAR MEETING
September 13, 1995

The meeting of the Radio Club of Tacoma was called to order by President Jim Kirkreit, K7YLM, at 7:35 PM with 81 members and 4 visitors present. A quorum was present for conducting official business.

MEMBERSHIP There are 508 members as of this date for 1995.

MINUTES: Previous minutes were available at the front of the room.

TREASURER'S REPORT:

GENERAL FUND CHECKING:	796.01
REPEATER FUND CHECKING:	1,491.92
PACKET FUND CHECKING:	377.94

FLEA MARKET CHECKING:	5,770.06
MONEY MARKET SAVINGS:	8,945.01
SCHOLARSHIP WORKING FUND:	600.00
SCHOLARSHIP MEMORIAL FUND:	2,629.28
CASH ON HAND:	374.00
TOTAL ALL ACCOUNTS:	$20,984.22

NEW LICENSE: Jim Anderson announced that he had gotten his call, KC7MTN.

HINTS & KINKS, TUNING & TRAFFIC: Alan, N7EAY, contacted Easter Island. Joe, KD7LJ, contacted Fiji Island and Jim, K7YLM, contacted Estonia. Jim also passed out a reprint entitled "CQ Looks At Some New Coaxial Line Products".

SATURDAY MORNING BREAKFASTS: Jim, K7YLM, reminded the members that we get together for Saturday morning breakfast at 8:00 AM now at Burs Restaurant, 6151 Steilacoom Blvd. S.W.

PROGRAM: Kathleen, N0EYK, and Roger, K7AYC, put on a very interesting program on County Hunting. Awards were first made available in 1961 when CW Magazine announced a new awards program for every amateur in the world. They called it the United States of America County Award. County Hunting Nets popped up all over the ham bands. The first award was issued by CQ Magazine when 500 counties were worked and confirmed. Soon endorsements for 1000, 1500, 2000, 2500 and 3000 counties were offered. In 1965 an amateur worked all 3079 counties in the United States. There are at this time 3076 counties. Mobile operation has emerged as the primary means of getting new counties and there is a multitude of awards that can be earned. Roger said he feels county hunting helps in acquiring the knowledge as to how to get a message from point A to point B and is very useful in emergency communications.

W7DK AT MCCHORD AFB: Jim, K7YLM, reminded the group that we would be at Holiday Park on McChord AFB on Saturday, September 16, from 10:00 AM to 4:00 PM. John, KB8MAU, told us the three services would be getting together their MARS people. The Army has a 30 foot trailer with a log periodic 80 feet long that transmits from five to thirty megahertz and it goes up 80 feet in the air. This antenna takes four hours to put up. John said we need to enter via the main gate and show our amateur license and driver's license and we'll be allowed on base. He also reminded us that the event would be a potluck affair, with hot-dogs and pop supplied by the Club.

TRIP TO WAHKIAKUM: Brian, KA7KUZ, spoke about our upcoming trip to Wahkiakum County for the Washington State QSO Party on September 23 and 24. The contest will start at 9:00 AM Saturday and run until 5:00 PM Sunday. Brian has rented the Grange Hall on Puget Island for the event. He stated there are only 12 hams in Wahkiakum County and he plans an advertisement in the local newspaper with a reporter scheduled to come out on the day of the event to take some pictures. He passed around a sign-up sheet and also a handout with a map and everything you ever wanted to know about this area.

JAMBOREE ON THE AIR: Brian, KA7KUZ, told the group that on October 1 and 2 there will be the Jamboree On The Air for the Scouts. They've asked if they can come to the RCT clubhouse to make contacts with other Scouts and they've also asked us to come out to their camp past Belfair.

Brian also mentioned he's considering a special event station next year to commemorate the fall of Galloping Gertie. Jim, K7YLM, thought this was a great idea.

TRIP TO SOLDIERS HOME: Jim, K7YLM, reported on a successful trip to the Soldiers Home in Orting last Saturday. Maury, KA7THR, was our honorary chairman and made us all feel welcome. Jim thanked all the members who helpe said it made a lot of soldiers happy.

RCT JACKETS: Frank, KG7HB, said 6 people have standing by for about a year to order Radio Club of Ta jackets. In order to get the special price of $36, we ne order 12. If you're interested please contact Frank.

Also, Frank updated us on the progress of he and hi possibly adopting the girls from Poland. A Catholic from our area traveled to the area and visited the girl their family and it now appears the grandparents may be to approving the adoption.

FIRST CONTACT CERTIFICATE: Jim, K7YLM, presen First Contact Certificate from Wade, WA7OHG, to KC7MTN.

NEW MEMBER CERTIFICATES: New member certifi were presented to: Russell Floyd, KC7IBX; Larry Wa KD4VOM; Louis Iverson, KC7CQM; and John C KC7MHA.

COOKIES FOR THE MEETING: Jim thanked Ma KJ7BN, and Peggy, KC7GZT, for tonight's "goodies".

USS MISSOURI PROJECT: Jim, K7YLM, thanked eve who worked on this special event. He said Tom Sar W6QJI, had finally secured the callsign WW2END thro letter to our Vice President, Al Gore. It was throug intercession that permission was granted. He said the s QSL that will be issued will bear the stamp that was us the USS Missouri. A video was shown of the cov Channel 7 gave us of the event. Alan, KB7SVU, thank who helped him as Support Manager especially: KB7NBQ; Val, N7VGO; John, KB8MAU; Jerry, WL7IE Jean, KB7SVX. Jim gave a special thanks to Alan, KB7 for all his work.

AROWS: Tressie, KC7BAL, announced the ladies w traveling to Northwest Trek on September 30 for a brow lunch meeting. They will meet at Tressie's to carpool at AM. Also, the AROWS finally received their own cal KC7MZO.

PUYALLUP FAIR: Kathleen, N0EYK, said her display year at the fair commemorates WW2END and the end war. She said there are still some openings for shifts booth in the hobby hall.

FCC: Mary Lewis, W7QGP, told us that by the end of there will be no FCC. She said we must do more polici ourselves. Also, each club needs to have a RFI comn and there is a list of telephones that are susceptib interference. Mary also said the Society of Broadca Engineers will have their convention on October 18 and Bellevue.

CORRESPONDENCE: Judy, AJ7R, read a letter fron Dept. of the Air Force reintroducing the Western Air De Sector. We are invited to visit the WADS and see first the new improved equipment and capabilities.

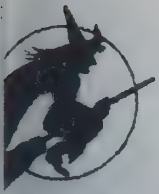
We also received a letter from the Northwest Conne inviting us to consider returning to their location fo Saturday morning breakfasts.

FALL RADIO CLASSES: Jerry, W7BUN, passed a clip for people to sign-up for an advanced class to Thursday, September 28 and run for four Thursdays. He said the Novice/Tech classes start Monday, October 2, PM for 11 Mondays. Bill, W7GBC, is the registrar. Als said the Board discussed having monthly VE Licensi begin, probably on Thursdays, the first of the year.

ADJOURNMENT: The meeting was adjourned at 9:20 P

Respectfully submitted,

Judy, AJ7R, Secr
Radio Club of Ta



October 1995

W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
GEORGE-WA7BHH ERESA-KB7LOA BILL' KB7QDJ	2 #POP' WB7WPQ	3 147.28 NET 7:30 PM #FRANK -W7YDS	4 Board Meeting Club House 7:30 pm.	5	6 # HARRY-KB7JQM # RALPH-W7COP	7 PINOCHLE/ POTLUCK Clubhouse 7pm #LES' - KC7BYN #CHARLES KC7HFP #JANICE-KC7EUA
	9 Columbus Day (Observed) #JACKIE-KC7CBN	10 147.28 NET 7:30 PM #DICK' -WB7RAX # LYNN -WB7ORM	11 W7DK MEETING Library 112 St. E.& WALLER RD. 7:30pm #DEL' KB7PKI	12 # DONNA-KC7ETT	13 # HERB-KC7BAA	14 # ETHEL -W7WLX # 'DEL'-W7JG # CATHY- N7WPI
5 MARK- KC7IBZ	16 #DICK' - W7VIC	17 147.28 NET 7:30 PM MVWS VE TESTS #ED' -KA7CHE # JOHN KB7SWY # SUSAN KC7AVS # TED-KC7CAX # PHIL -KC7ICA	18 ARROWS MEETING 7:30pm Clubhouse	19 #NORM' W7CMO	20 LOGGER'S BARK *DEADLINE* # HARVEY-W6UBX #DAVE' - N7WGB #DOUG' KC7AZU	21 #MARILYN-MOORE BOY SCOUT JAM...
2 CHARLES-WY7V STEVE'-NL7LD BOY SCOUT JAMBORFE	23 LADY'S PINOCHLE-CLUBHOUSE NOON #JIM' - N7HKO #FRED' - AB7II	24 147.28 NET 7:30 PM # JEAN KB7SVX	25 W7DK MEETING Library 117 St. E.& WALLER RD. 7:30pm #CLIFF'KC7CLV	26	27	28 # HERB- KA7NBC # MONTE-KB7RID # GARY-KB7YIR
9 NED' - W7EPE ROGER-WA7ANJ *Daylight Savings*	30 # RUDY -WB7EQZ #RAY' - K7CTT	31 147.28 NET 7:30 PM # CONNIE-N[illegible]RQ *Halloween*				

Happy Birthday!

Coming Events

October 4 - Board of Directors meeting - 7:30 PM - RCT Clubhouse - all members are invited.

October 7 - Pinochle Potluck - 7:30 PM - RCT Clubhouse

October 11 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - **Program - "** *Technology"* by R.J. de Recat & Company which manufactures is representative of Magellan GPS, Global Positioning System

October 21-23 - Scouting Jamboree-on-the-Air (JOTA)

October 21-23 - Simulated Emergency Test (SET)

October 25 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - **Program *"How*** ***can help the Club become a winner in the November Sweep Stakes"*** by Jerry Selig W7BUN:

October 28-29 - CQ Worldwide DX Contest, Phone

October 30 - Ladies Pinochle - 12 PM Clubhouse

October 30 AROWS - 10 AM - Car Pool to Northwest Trek

November 6 - 6pm - All license class exam session - Clubhouse - 1249 S Washington - registration not required - bring original and copy of license & any CSCE, plus a piec identification

December 30 - 10am - All license class exam session - Clubhouse - 1249 S Washington - registration not required - bring original and copy of license & any CSCE, plus a piec identification.

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

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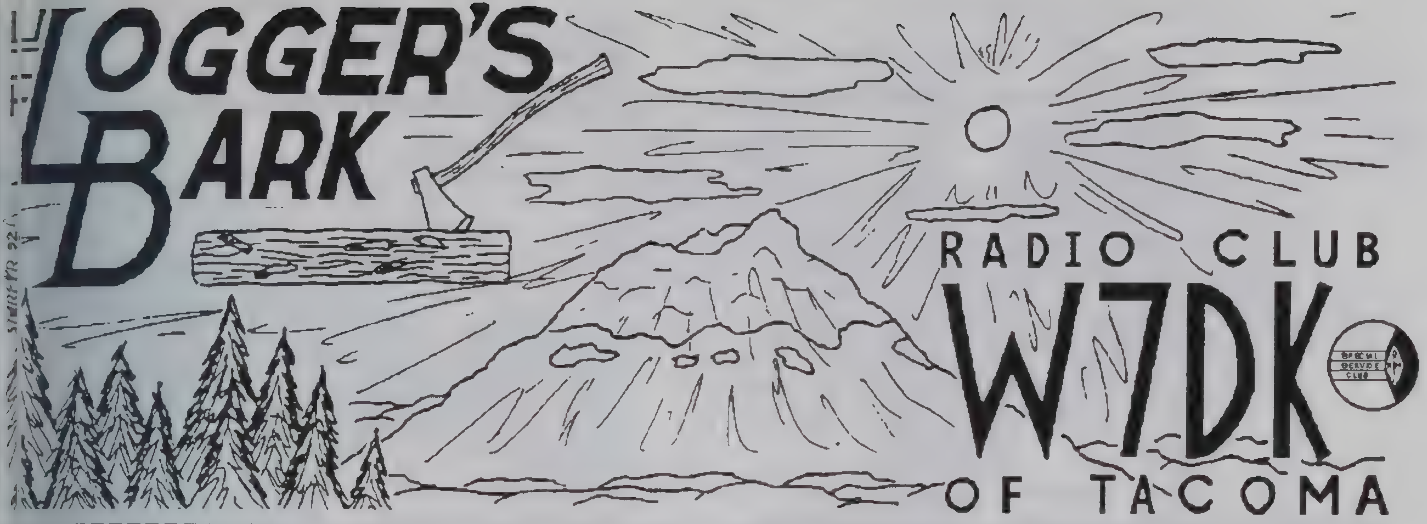

LOGGER'S BARK

RADIO CLUB W7DK OF TACOMA

VOL. XXXII NR.11 W7DK NOVEMBER 1995

From The President

de Jim K7YLM

The Missouri Project - Where do we go from here?

First, the planning for the QSL card is in the final stages. Within a few weeks the design will be finalized and the card will be off to the printers.

The Missouri Project was very costly and to help defray the cost, a list of commemorative items is being assembled by Tom Sanders, W6QJI. This list will be included with the QSL. The purchase of an item will help pay the bills, as well as make a nice addition to your ham shack.

The USS Missouri has been taken off of the active roster and basically can be sold to the highest bidder. California and Hawaii have both expressed an interest in having the ship as an historical landmark. There is the feeling that substantial revenue could be raised for the Bremerton area from souvenir sales and ship tours if the ship was retained here. At this time over eight million dollars has been raised.

Here is the current plan. The Destroyer Turner Joy, used in the Korean War, is anchored in the harbor at Bremerton. If the Missouri was anchored next to the destroyer, a causeway could be built for access by the public. A petition is being prepared to gain local, as well as distant, support for keeping this ship here.

The Pentagon has appointed a number of cities as "Commemorative Communities." The people who made the WW2END ham radio project a resounding success have also been designated by the Pentagon as a "Commemorative Community." We are the only project in the United States to receive this distinction.

What is the final plan concerning the Missouri Project? If capital can be raised, if approval can be granted to keep the Missouri here and if the Missouri could be anchored next to the Turner Joy, the plan is to establish a permanent ham station aboard the Missouri and, hopefully, in the ship's radio room. This station could be manned by local hams and operated by hams from everywhere on a continuous basis. Nothing is firm at this time; however, Tom Sanders and others are putting a lot of effort forward to ***make it happen***.

Well, you can guess what the call would be. It was great one and will be great again -- ***WW2END!***

The New Club History Is Now

The **R** is back in business as in Radio Club of Tacoma. For the sake of argument 1916 through 1992 has been basically repeated 76 times. The grand old hobby has stayed relatively even with the electron until the development of the transistor. The archaic FCC is almost out of business. The ARRL is trying to keep pace with Silicon Valley and the good old RCT is bursting at the seams on every facet of amateur radio.

In the last sixteen years of my membership, only one past President continues to stay active and involved with her last big job of the Western Washington Fair RCT booth. Kathleen N0EYK and Roger, N7AYC, are a real credit in supporting Club events.

I chose to draw the line at the beginning of Kathie's administration because the foundation was laid to build the Club into the size and strength that is the Kirkreit era. The Club has turned the page on the past and now the new legacy of member participation is to operate **Radio**. We will teach, we will continue the VE testing program, but best of all we will educated our members to learn the art of **Radio.**

Why don't we go down to Owen Beach and launch an arrow through some trees to raise an antenna? Sounds pretty strange to me. A genius who drives around the northwest sending code with at least one eye sort of on the road thought trips to different places to play radio was a good idea.. This dreamer was ready to quit if the Board of Directors wouldn't come out of the closet and get busy joining in on the fun. Well Mr. President, the Board didn't know how to participate in this kind of activity because this only happen two and one half days a year at an event called Field Day. I remember when an eighth grader was Field Day Chairman and was elected to the Doc Spike, W7OS, Inspirational Award for his efforts.

But not to be denied, many of our members did come out to your outings. They learned about antennas and radios that didn't need repeaters. Little by little you taught the members the art of Radio. Many of those young Turks got pretty good at putting a station together that worked.. The **"Slinky"** will become the corner stone of your administration.

The right people at the right time began to spread the word that if they came out and learned, they would become disciples. WA7ASH in the Monument of Mt. St. Helens put RCT on the map. From the Mountain to the Mighty Mo has become a magic carpet ride. The new administration being elected now is dedicated to full speed ahead. **Timber**

RADIO CLUB OF TACOMA
1995

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PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 pm

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206 / 759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Mail all articles to Ralph Fuller, KA7FIG, 8208 Southway SW, Tacoma WA 98498. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO *THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK / Radio Club of Tacoma

147.88 / .28 MHz	144.97 - Packet
147.98 / .38 MHz (pl 103.5)	441.00 - Packet

New Members:

John R. Simmons, KB7UED RCT #187
296 N Welcome St
Cathlamet, WA 98612 360-849-401

Val Eidsmore RCT #187
6008-A Garcia Blvd
Fort Lewis, WA 98433 964-2939

Reinstatement:

Michael T. Iversen, KM7I RCT #864
1009 E Morton St
Tacoma, WA 98404 383-4991

Address/Phone Changes:

Dan Soethe, KC7LRD
1910 Sw 309th Pl - Apt A
Federal Way, WA 98023-4316

Dan Smith, N7VXJ Pager# 597-046

Bill Brown, N7TEQ
154 Madrona Dr/ Raft Island
Gig Harbor, WA 98335 265-2701

Bret Conner, AB7AI
4621 N Defiance St
Tacoma, WA 98407-2018

Wanted

Able Members, women & men to Help with Security at the Charles Wright Rummage Sale

Saturday 9-4

Sunday 12-4

Reward: Free Tables for the Flea Market

Value to the Club: *$2,000*

Contact Allen Hughes/KB7SVU: 840-4947

Radio Club Of Tacoma - VE Testing

The Radio Club of Tacoma, W7DK will be offering an license class examination session on Monday November 6pm & December 30 10am at the Clubhouse, 1249 Washington. Pre-registration not required. Be sure to bri original and copy of license and any CSCE plus a piece identification.

Beginning January 1996, RCT will be holding monthly testing sessions at 7 PM on the second Tuesday of ea month at the RCT Clubhouse - 1249 S Washington St Tacoma.

For information call Jerry Seligman, W7BUN 845-7652

Walk-Ins Are Always Welcome

Address Changes

If you change your address, please notify the cl immediately. The Post Office will not forward your *Logge Bark*, but instead returns it with $.50 postage due. Als members who notify the Post Office they will be "temporar away" will have their *Barks* returned to the Club. Each mor as many as 6 to 10 *Barks* are returned; members don't g their *Barks* and the club loses about $50 a year. Call Dic W7RGD, 627-0922, or Jerry, W7BUN, 845-7652, to rep any changes in address, phone number, or callsign. Tha you!

On the air
Brian Spindor, left, call sign KA7KUX, and Stanley Warburton, III, N7KMF, and other members of the Tacoma radio club operated radios last weekend at the Puget Island Grange as part of an amateur radio contact quantity contest. Club members set up gear that reached around the world.

Radio operators put Wahkiakum County on the air

Members of the Tacoma Amateur Radio Club gathered last weekend at the Puget Island Grange to put Wahkiakum County on the air.

Known as "hams," the radio operaters were participating in a radio contact contest. Hams keep logs and vie for honors by contacting all states in the United States and all counties in all states.

"There are over 3,000 counties in the US," club President Jim Kirkreit--K7YLM, said. "Wahkiakum County is the rarest in Washington. There are only 12 amateurs here, and they're not on the air very much."

Club members set up a large antenna in the Grange parking lot and hooked up several different radios to broadcast continuously for two days. They contacted people in Finland, Serbia, Canada and across the country. They broadcast over four radio bands in both voice and Morse Code.

The club has set up similar stations in a variety of unlikely locations.

The previous weekend, Kirkreit said, they broadcast from McChord Air Force Base, Tacoma, on a huge military antenna. "It had a 90-foot boom, and the longest element was 102 feet long," he said. "I sure wanted to take it with me."

The week before, they broadcast from the Orting Soldiers Home, and three weeks previously, they were on the USS Missouri in Bremerton as part of a celebration marking the end of World War II.

"We had to contact Vice-president Al Gore to get permission," Kirkreit said. "We had set up antennas on the Missouri, it was very difficult, and then some commander made us take it all down. We had had to run cable 500 feet down the dock and back up the next dock to antennas on the USS New Jersey."

Last May, the club broadcast from Mt. St. Helens to mark the 15th anniversary of the 1980 eruption.

Broadcasting from various locations helps the club maintain emergency preparedness. Club members have monitored distress calls in the past and alerted authorities to emergencies.

Kirkreit, who has a complete radio set up in his car, said hams can set up anywhere during a disaster to provide communication.

"The main basic goal of our radio club is to be prepared," he said. "We have generators and low and high frequency radios. We know how to do it. We travel everywhere."

News from ARRL

de Jerry, W7BUN

The FCC has released a Memorandum Opinion and Order in its vanity callsign proceeding, PR Docket 93-305. Applicants in the 48 states will be allowed to request a callsign from any of the ten callsign regions. However, requests for callsigns corresponding to Alaska, the Caribbean insular areas, and Hawaii and the Pacific insular areas are limited to licensees whose mailing address is in the corresponding state, commonwealth, or island. Another change requires that an amateur seeking the callsign of a deceased, close relative shall hold an equal or higher class amateur license to that corresponding to the group of the call sign being sought. Also, established clubs will be given priority for obtaining the callsign of a deceased club member.

To that end, the Commission established a new "gate," Gate 1A, that will follow Gate 1 in priority. The callsign of a deceased amateur will be available first to a close relative, then to a club. Eligible clubs will have to have held a station license on or before March 25, 1995. The new rules become effective November 17, 1995, but the FCC has not announced a starting date for the program. The new FCC Form 610-V for vanity callsign applications is not yet available. The opening of Gate 1 will be announced by FCC public notice.

CQ Magazine is planning two new monthly publications, CQ VHF, aimed at amateur operators active on frequencies above 50 MHz, and CQ Contest, covering the people, techniques, and technology of contesting.

ARRL's new phone number is 860-594-0200.

A new ARRL section, Northern New York, will be established effective January 1, 1996. The 12 counties in the new section are formerly part of the Western New York Section.

The ARRL Executive Committee is developing strategies for achieving new amateur allocations in the vicinity of 160 KHz and 40 MHz.

The US government continues to delay applying to participate in the CEPT (European) common amateur license. Such participation would greatly benefit US amateurs traveling in Europe and would reduce administrative burdens on the FCC.

The FCC has begun mailing notices of upcoming license expirations. Those amateurs whose licenses would expire in December 1995 are being sent, by First Class mail, a computer-generated Form 610-R "short form." The Commission's Gettysburg facility will make mailings weekly, about 90 days before licenses expire. The ARRL has been sending license expiration notices as a free membership service. That service will be discontinued once the new FCC program is established. There is no monetary fee for an amateur license renewal.

Project Argus is the new name for the upcoming search for extraterrestrial intelligence (SETI). 5,000 amateurs worldwide are needed to scan the sky beginning with Earth Day, April 21, 1996. Information on amateurs' role in radio astronomy was in August 1995 QST, page 37.

Space shuttle mission STS-74 is scheduled for a mid-November launch. Licensed astronauts on board will be Commander Ken Cameron, KB5AWP; Mission Specialist Bill McArthur, KC5ACR; and Mission Specialist Jerry Ross, N5SCW.

The FCC has added three countries to the list of those with which the US has an Amateur Radio reciprocal operating arrangement. They are Bosnia-Herzegovina, Croatia, an former Yugoslav Republic of Macedonia. The FCC has added the Republic of the Marshall Islands to the li countries with which the US has a third-party t agreement.

The ARRL Headquarters has opened the Internet V Wide Web. The locator is http://www.arrl.org/ The We carry ARRL news, details on upcoming ham conventions, and amateur radio exams, the catalog of / publications, membership benefits and services, and mor

20 Years Ago In The *Bark* - Nov 1975

Joe Winter, WA7RWK (now WZ7M) has been name new Emergency Coordinator for Pierce County. He started a net on 146.58 for ARES members.

Several Club members who have RVs are going to s Thanksgiving at Harrison Hot Springs in BC. The Women's Auxiliary is sponsoring pinochle lessons a Clubhouse on Wednesday mornings.

Citizen Band magazines, organizations, manufacturers have petitioned FCC for more spec allocations. They claim 1,500,000 CBers share one-quar a megahertz, while 300,000 amateurs have 71 times as frequency space.

The Club's new 2-meter repeater is ready to go on th just waiting for the FCC license.

Erection of the Club's tower was completed by rent crane and members are working on antennas for it.

The Mike and Key ARC will hold a flea market auction in December at Boeing Field.

Radio Club Has Equipment For Loan To Memb

The following equipment is available for short term to RCT members:

Antenna Kit - includes Rohn gin pole for use on 25G 45G tower sections (only!), ropes, pulley, hard hats, climbing belt

MFJ 422 electronic keyer with Bencher paddles

Millen solid state dip meter

7.5 amp Powerstat variable transformer (similar Variac)

Heathkit VTVM

Ameco SWR bridge (1.8 to 150 MHz)

Fluke model 87 handheld multimeter

To check out any of these items, contact Jerry Selig W7BUN, 845-7652.

ARRL November Sweepstakes Contes

If you have HF privileges, the Club needs your he making a good showing in the Sweepstakes. Sweepstakes is a fun contest for individual or club stat Make a few or many contacts and turn your log and sum sheets in to the Secretary for a Club entry.

If you don't have HF equipment or your license do allow HF operation, make arrangements to be at the station. A control operator will be available so Novices Technicians can participate in the fun.

The CW portion begins 2100 UTC (1 PM local) Satu November 4th, and ends at 0300 UTC Monday Novembe (7 PM Sunday, November 5th local).

The phone contest begins at 2100 UTC (1 PM l Saturday, November 18th, and ends at 0300 UTC Mo November 20th (7 PM Sunday, November 19th local).

Stations may operate 24 hours out of this 30-hour pe

Log, duplicate, and summary sheets will be availab Club meetings, or call Jerry, W7BUN, 845-7652 for information.

RACES/ARES

de Shirley, N7QHW

Pierce County - Amateur Radio Communication Services

It is indeed that time of year again when we hold our annual election of officers and Board Members. This year's nomination committee members are Ray Pedersen, W7KFN; Judy LaFleur, N7NII; Don Wagoner, KB7SPQ and Shirley Murphy, N7QHW. If you are interested in getting involved by running for an office or Board position, feel free to contact any nomination committee member. The election will be held at the December 15, 1995 meeting. The meeting starts at 7:00 PM and is held at the TACID building located on the north side of 19th between Pearl and Mildred. There will also be a table top exercise that evening to begin our event training upon which we will build further training exercises.

The Pierce County Emergency Services Net is held each Tuesday at 7:00 PM on the 145.37MHz WC7AAO repeater and on the 442.45MHz KE7LE repeater. Tune into this net for announcements about the slate of candidates for the Board and/or events and happenings.

At the general membership meeting in October, the following two changes to the Articles of Incorporation were approved by a majority of the voting members present at that meeting.

ARTICLE I

The name of the corporation shall be **Pierce County Amateur Radio Communication Services.**

ARTICLE XII

These articles may be amended at a regular meeting of this organization by a majority of the total voting membership as defined in the by-laws. Proposed amendments must be submitted in writing to the Board for evaluation. The membership must be notified at least 30 days in advance of the meeting at which the vote on the amendment(s) is to be taken. Members may request absentee ballots from the secretary.

Volunteers are needed to help with communications for the "Hike for Hospice" which is Saturday, November 4, 1995 from about 7:30 AM until noon. It is being held in the Point Defiance area. Contact Judy LaFleur, N7NII at 847-5198 to volunteer.

If you would like additional information or wish to obtain an application to join Pierce County Emergency Communication Services, you may contact your manager or Shirley, N7QHW, Secretary at 265-3661.

VE Testing

The **Maple Valley Wireless Society** will conduct an all License examination the Third Tuesday of each month, and shall begin 7pm, promptly at the Auburn Fire Station located at 1101 "D" Street NE, Auburn WA. Be sure to bring original & a copy of your license and any CSCE plus a piece of identification. For more information on how you might participate, call **Bill, W7GBC**, 584-1086, or **Ralph, KA7FIG**, 582-5841.

Walk-ins are always welcome.

Amateur Radio Exams in the Puget Sound Area as of October 20, 1995

1st or 2nd Tuesday - 7 PM - Puyallup Fire Station, 128th St. one block west of Meridian, Puyallup - Contact Mike Horbul, KI7YB, 845-2545. Sessions Oct 3, Nov 14, Dec 5, Jan 2, Feb 8

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, Kirkland - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 10 AM - North Seattle Comm. College, Rm 3343, 9600 College Way N. - Contact Mike Mitchell, W7WHT, 282-1438, Seattle

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, Kent - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

2nd Tuesday - 6:30 PM - Everett - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd & 4th Thursdays - 7:00 PM - Ft. Lewis Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - Tukwila - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - Auburn - Fire Station, 1101 D St NE -Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - Ferndale - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - Renton - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - Sultan - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - Montesano High School - Pearsall Center, 2109 Sumner Ave - next session - May 20 - Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - Stanwood - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - Everett - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - Marysville - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4th Saturday - 9:30 AM - Bremerton - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - Olympia - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

November 6 - Monday - 6 pm & December 30th - Saturday - 10 am - RCT clubhouse - Tacoma WA Contact Jerry Seligman, W7BUN, 845-7652, Puyallup

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

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For More Information Ca
ALAN ALLEN, at 475-741
RUSSELL FOSTER at 473-661

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the
Editor

Secretaries Note:

In my letter to you in March, when I sent the final revision of the By-Laws, I stated that the Board would be refining the Standing Rules in the near future and I would be publishing the finished product in the Logger's Bark. The following is the document, which was approved by the **Board of Directors at the October 4, 1995 Board Meeting.**

Judy, AJ7R, Secretary

THE RADIO CLUB OF TACOMA STANDING RULES

October 4, 1995

PURPOSE:

The purpose of these standing rules shall be to provide a record of those items of business which are intended to possess a certain sense of permanence but which are inappropriate for inclusion in the By-Laws.

REVISIONS:

Revisions to these standing rules shall require a majority vote of the Board of Directors as defined in the By-Laws. Each year at the February meeting of the Board of Directors, the Parliamentarian shall present to the Board of Directors a list of those approved items of business (motions) from the preceding year which are appropriate for inclusion herein or which require revision of existing standing rules. The Board shall elect to accept or reject each of these proposed revisions at that time.

STANDING RULES

1.EDUCATION COORDINATOR:

The duties of the Education Coordinator shall be to solicit qualified instructors and to recommend methods of publicizing available educational programs to the public. The Coordinator will keep the Board apprised of their progress at least once every six months. A committee may be appointed to assist the Coordinator.

2.OPERATING ACTIVITIES:

The Club will sponsor participation in the ARRL Field Day and other operating events in order to train its members in emergency preparedness and field communication techniques and operating skills.

3.PERSONAL TUTORING:

The Club will maintain a roster of members (commonly called "ELMERS") who are willing and able to help new amateurs with technical and radio operating questions.

4.FIELD COMMUNICATIONS:

The Club will provide emergency powered communications equipment for training Club members to operate under emergency conditions.

5.FIELD TRAINING:

The Club will sponsor field training exercises similar to Field Day and hidden transmitter hunts to train members and other licensed amateurs to operate under field conditions and without commercial power.

6.COMMUNICATIONS SYSTEMS:

The Club will support VHF/UHF repeaters. Repeaters may include "autopatch" telephone links to 911 and the Washington State Patrol. The Club may install digital communications facilities in the high frequency and VHF/UHF bands using Packet and other protocols. It may also maintain repeaters, packet bulletin boards, and other facilities in locations away from the clubhouse when required for desired geographical coverage.

7.TRAINING EQUIPMENT LOANS:

The Club will maintain a pool of radio training equipment for loan to members.

8.RECOGNITION PROGRAM:

A. DOC SPIKE INSPIRATIONAL AWARD

An award will be made annually, in the memory of one of the Club's founding fathers, to the Club Member(s) who best inspires Club members in furthering the Club's Educational and Scientific purpose.

B. CERTIFICATES:

Award Certificates for various feats of outstanding performance may be awarded by the Board or the President from time to time.

C. FIRST CONTACT CERTIFICATE:

The Club may provide First Contact Certificates to its members for their signature and subsequent award to new amateurs who make their first amateur radio contact with the Club member.

D. SILENT KEY MEMORIAL BOARD

To recognize the efforts of the past, a Silent Key Memorial Board will be maintained, listing all deceased current and former club members. The individual listing will include the member's name, call sign (if any) and year deceased. Names will not be removed from the Board unless placed there in error.

E. MEMORIAL SCHOLARSHIP PLAQUE:

The Club will maintain a memorial board for recognition of donations to the Scholarship Fund.

F. PUBLICITY:

The Club will give recognition to members and to the public for outstanding performance in areas relating to the Club's purpose.

G. CLUB SPONSORED ENTRY LEVEL AMATEUR RADIO CLASSES:

1) For each participant in a Club sponsored entry level amateur radio class who successfully completes the Novice or No code Technician course, the Club President will send a letter of congratulation and an invitation to attend Club meetings. An application for Club membership would be included.

2) For each participant in a Club sponsored entry level amateur radio class who successfully completes the Novice or No code Technician course, a certificate from the Club will be issued.

3) For each participant in a Club sponsored entry level amateur radio class who successfully completes the Novice or No code Technician course, the Club will provide a 6 month free subscription to the *Logger's Bark.*

Fair Fun 1995

And again the Western Washington Fair is history for another year! And again the Radio Club of Tacoma had a good showing in the booth in the Hobby Hall.

Our Club's participation at the 1995 FAIR began with a letter with reply card from the Hobby Hall Group Coordinator in February. The letter expressed the FAIR's interest in having our group return and requested our response on the reply card. After that initial contact, we correspond in March, May (the contract comes this month) and July, culminating with pickup of our ticket packet in mid-August. Part of our contractual agreement with the FAIR is that we will staff our booth during all the hours that the Hobby Hall is open - that's 227 hours during the 17 day run of the FAIR! We are also expected to have a static display that will be of interest to the general public, not only to hams. During my time as booth coordinator, I have also tried to make the booth a ham information center - class and testing info., Club contacts, flea market info., 610 forms, etc.

The Club as a whole gets "plugged into" the process when the FAIR sign up calendar starts coming to Club meetings in July. The past several years there has been a big clamor around the calendar at that first showing! It has been very gratifying to have such exuberant response. The most reasonable division of time seems to be 3 shifts per day, 2 persons per shift. That gives shifts an average of 4 1/2 hours in length with in-booth relief for those occasional trips outside. So that adds up to be 10~~2~~ individual shifts that have to be filled. If we had no duplication of personnel throughout the FAIR, it would mean that 1/5 of our Club members would have to participate! That would be GREAT! But it is probably unreasonable to expect since people have varying levels of interest and busy lives at home and at work! By the last Club meeting in August the booth coordinator has the packet of FAIR entry tickets for the participants and must distribute them accordingly, keeping an accurate record of who get what kind of ticket and the number of each ticket. This record and any remaining unused tickets must be returned to the Hobby Hall Group Coordinator at the end of the FAIR. As a part of ticket distribution, I have included a thank you letter that also gives a brief description of booth duties and notes the booth duty date(s) and time(s). Although I prefer not to mail the tickets, I did have to do a good bit of that this year.

Also in late July/early August, the coordinator contacts the Education Department at ARRL headquarters in CT to order all the ARRL handout literature for the booth. They have a standard package of fliers, etc. that they will ship to us. I also ask for the current printout of all Clubs, VEs and teachers in Washington and Oregon to have available as a resource in the booth. Other resources I collect to have in the booth are the ARRL Handbook, the Antenna Handbook, the FCC Rule Book, an old copy of Now You're Talking, the repeater directory, current copies of various ham magazines, etc. For the past several years we have had the US Call Book available on line on the computer.

Over the summer I "back burner" ideas for the booth theme to let them "stew". This year I had 2 or 3 possibilities along with the winner. Our theme, "Celebrating 50 Years of Peace', was a must for this year with all of the Club's activity on the Missouri Project celebrating the 50th anniversary of the end of WW II. And as amateurs, we were celebrating the 50th anniversary since the return of full use of amateur frequencies after the war. With the wealth of equipment and print materials both in the Club and personal archives, it was easy to find more than enough to fill our display case. The wall background and endpiece are more general amateur radio data and displays, along with our operational stations. As in the past several years, ICOM International in Bellevue has graciously provided the operating radio gear for the booth again this year. The coordinator also has to put in the request at ICOM for the appropriate gear during late July/early August. The computer, TNC, power supply and packet program were provided by Roger Nace.

The creative process is one of the most enjoyable pieces of the booth for me. Creating an interesting, artful, attractive display within the confines of the booth can be frustrating, very time consuming, and back breaking. But it is ultimately very rewarding! Groups are allowed generally one 4 hour time period, occasionally two, to set up a display. I have found that creating on the "fly" can take more time than the allotted. Over the last several years, it has taken an average of 15 to 18 hours to completely set up the booth, from vacuuming up dust balls to supplying the carpet, fan, stool, pens and tissue!

And then comes opening day and the show is on! This year was again successful, although generally, numbers were down. We used 1086 lines in our visitor log, with visitors from 20 states outside of Washington, 1 Canadian province, and Guam, Chili, England, and Germany. We processed NTS messages to help exercise the National Traffic Sys Thanks to all the folks who made our 1995 FAIR experi such a success: N7EAY, KB7UXC, N7UDP, N7EPD, N7 N7KMF, KA7WWG, KC7BAI, N7UNN, N7VDU, KB7 KC7CQU, KC7DRE, KG7WF, N7AEJ, W7EC, KI7 K5EAF, KB7SWY, KB7TQA, KC7ETY, N7RHV, KC7 K7YLM, AJ7R, KC7FLR, W7WG, xyl of W7WG, N7C N7RRL, N7UCV, KA7NRA, N7GUE, AB7DS, N7 N7QHW, W7BUN, N7JFM, N7WGB, N0EYK, KB6F KB7KSY, K7AYC, W7MSR, W7GBC, WA7ENB, W K7AYC, WV7Q, N7STR, N7FQR, N7IRW, N7VGO, KC7 KC7ICA, N7UET, KC7IBI and any others I may forgotten. Thanks again! DO THE PUYALLUP in '96!

73, Kathleen, NØ

The Editor's Log Pile

de Ralph, KA

May all of our Memb especially those_who c be home, have a Than Thanksgiving!

Timb

Former Member Sighting

Scotty, KG7UP (ex-N7AFY) seen visiting in the Tacoma He was reverse-snowbirding - up from Lake Havasu, NV.

RADIO CLUB OF TACOMA, In
MINUTES -- REGULAR MEETI
September 27, 1995

The meeting of the Radio of Tacoma was called to ord President Jim Kirkreit, K7YL 7:30 PM with 64 members a visitors present. A quorum present for conducting o business.

MEMBERSHIP: There are members as of this date for 199

MINUTES: Previous minutes available at the front of the room.

TREASURER'S REPORT:

GENERAL FUND CHECKING	1,08
REPEATER FUND CHECKING	1,53
PACKET FUND CHECKING	51
FLEA MARKET CHECKING	5,80
MONEY MARKET SAVINGS	8,94
SCHOLARSHIP WORKING FUND	60
SCHOLARSHIP MEMORIAL FUND	2,62
CASH ON HAND	
TOTAL ALL ACCOUNTS	$21,11

UPGRADES: Floyd, KC7EEZ, said he sent in to the St Washington and got a piece of cardboard back wit callsign on it. A couple of weeks later he got a piece of with his callsign on it, so he upgraded from cardboa metal.

HEALTH & WELFARE: Shirley, N7QHW, said WB7QNS, announced on the net last night that Joe, KA7 is in Tacoma General with a collapsed lung.

Jim, K7YLM, said Tom, W6QJI, was unable to tonight's meeting as he's in a lot of pain due to a b vertebrae.

HINTS & KINKS, TUNING & TRAFFIC: John, KB8MAU, said he had contacted Bosnia at the antenna training session at McChord last week. Jim passed out a reprint of "Remote Quad Tuning".

BYLAWS: Jim, K7YLM, said there is a problem with our upcoming election. We have some people who would like to run for an office but they can't and, since they can't run, the membership can't vote for them. The problem concerns the eligibility requirement for holding an officer or board position in the Radio Club of Tacoma. Jim asked Willie, KA7NXK, the Club Parliamentarian for an opinion on the two year issue in the Bylaws. Willie said he and three of his fellow registered parliamentarians in Pierce County studied the Bylaws. The Bylaws state that a candidate must be a member for two years. The question concerns the meaning of two years. Does it mean 24 months or does it mean that a person is eligible for office if dues were paid for two full years. Willie's opinion was that if a member had paid for two full years of dues, had been involved in Club activities, and had shown no ill will and had done nothing negative to the Radio Club of Tacoma, he or she was eligible to compete for an office. He then said the membership has the right to overrule any law or rules. The membership must decide the meaning of the two year rule. Al, KC7DDA, said Willie is wrong and the Bylaws state that someone must be a member for two years and it is clearly stated in our Bylaws and was voted on within this past year by members of the Club. He doesn't think Willie knows "what the hell he's talking about". Shirley, N7QHW, said if we allow members to run for office who haven't been members for two full years, we're setting up a double standard because the current definition of membership for Loggers contacts is two years from the day you join the Club. She said we write our Bylaws for the Club not for any individual and we need to think of the good of the Club because that's why we're all here. Trent, N2OBM, apologized to Willie for the criticism he was being given. He said volunteerism should not be stifled, it should be promoted. Tressie, KC7BAL, asked when Brian, K7KUZ, joined the Club and was told it was April, 1994. **Willie asked if someone would like to make a motion that the Club wants to define two years as 24 months. Mike, W7DFQ, so moved. Seconded by Al, KC7DDA**. In the following discussion, Al also objected to Willie coming to give his ruling and saying that he is an independent person when Al feels Jim, K7YLM, asked him to make the determination he made and is writing him notes and telling him what to say while the meeting is going on. The secretary, Judy, AJ7R, was asked to read that portion of the Bylaws pertaining to Nominations and eligibility. The vote was called for and **MOTION PASSED**.

PROGRAM: Lorna, KB7YTJ, Club liaison for the U.S.S. Missouri Project, thanked all Radio Club of Tacoma members involved in the project and said how proud she was to be part of it. She expressed thanks to Tom, W6QJI, and the No. Kitsap Amateur Radio, who had been planning the event for the past two years. She said during the event approximately 500 contacts were made. The decision on the QSL card is now in process and other Missouri product sales continue. She thanked, in particular, the support crew, the tower crew and antenna crew; also, the team leaders, the packet group, and all the many, many operators. Stan, N7KMF, followed with a lengthy slide presentation which beautifully chronicled the event from it's beginning to its close.

WDK AT McCHORD AFB: John, KB8MAU, thanked members of the Army, Navy and Air Force MARS groups who made the event possible and all the members of the Club who helped with the event. He gave specifications on the MARS antenna. It had an 80 foot mast, an 80 foot boom, operated from 4 to 30 MHz, had 16 elements, the longest of which was 64 feet across, and had a 2-1/4 inch coax. He said W2USA has offered to provide the antennas again for other events.

AROWS: Tressie, KC7BAL, said the AROWS would be meeting at her house on South Hill on Saturday, September 30, to car pool to Northwest Trek for a brown bag lunch meeting and a nice day.

BOY SCOUT JAMBOREE: Jim, K7YLM, reminded the group of the upcoming Boy Scout Jamboree the weekend of October 21 and 22 and encouraged members to come and help the Scouts learn about amateur radio.

LICKEM STICKEM BARK PARTY: The bark party is scheduled for this Friday, September 29, at the RCT clubhouse at 10:00 AM. Donuts and coffee will be served.

MT. ST. HELENS QSL PARTY: Shirley, N7QHW, also asked for members to help with sending cards out to the last group for the Mt. St. Helens contacts. It was decided those who were able to help should meet at the RCT clubhouse on Saturday, October 7, at 11:00 AM.

PUYALLUP FAIR: Jim, K7YLM, said the booth at the Fair did a good job again this year.

CLASSES AND VE TESTING: Jerry, W7BUN, announced the Club will start testing monthly after the first of the year. It appears this will occur on the second Tuesday of each month. The Novice/Tech classes starts this Monday at the RCT clubhouse at 6:00 PM. Bill, W7GBC, is the registrar. Several from our Club met with members of the Mike & Key Club about a possible 1997 ARRL Northwest Division Convention. It will be discussed at the October Board meeting on Wednesday, Oct. 4, 1995.

NORTH KITSAP HAMFEST: Jim, K7YLM, announced the North Kitsap ARC will be holding their Hamfest this coming Saturday, September 30 at the Kitsap County Fairgrounds..

COOKIES FOR MEETING: Jim, K7YLM, thanked Marilyn, KJ7BN, for the cookies and Peggy, KC7GZT, for the cheesecake for tonight's meeting. He also thanked Val, N7VGO, and Sue, KC7AVS, for purchasing a coffeepot to be used by the AROWS group.

NEW MEMBER CERTIFICATES: New member certificates were presented to Craig Hilborn, KC7LZJ, and Rod Wilson, N7YQT, and were available for Jim Anderson, KC7MTM; Jim Silvery, KC7HDQ; Walter Lynch, KE6CKP; and Terry Howard, WA7LGY.

PRESIDENTS MESSAGE: Jim, K7YLM, said he felt his integrity was in question after the accusation made by Al, KC7DDA. He said he had asked Willie, KA7NXK, to contact other parliamentarians for their opinions and the Club's opinion on the two year requirement. He then asked him to give his opinion in writing. When Willie was giving his opinion to the membership, Jim said he wrote him a note asking if the matter could be voted on. Jim said he doesn't now nor will he ever tell anyone in the club what to do. He said he would continue to ask people their opinion and help members, as he has in the past. He thanked members for attending the meeting and said it had been a great honor to be President of the Club and he is proud of all of the members.

Respectfully submitted **Judy, AJ7R, Secretary**
Radio Club of Tacoma

RADIO CLUB OF TACOMA
BOARD MEETING OF October 4, 1995

The Radio Club of Tacoma Board of Directors meeting was called to order at 7:30 PM by President Jim Kirkreit, K7YLM. There were eight Board members and seventeen guests present. A quorum was present for conducting official business.

TREASURER'S REPORT:

GENERAL FUND CHECKING	895.46

REPEATER FUND CHECKING	1,530.92
PACKET FUND CHECKING	512.94
FLEA MARKET CHECKING	5,807.11
MONEY MARKET SAVINGS	8,984.77
SCHOLARSHIP WORKING FUND	600.00
SCHOLARSHIP MEMORIAL FUND	2,629.28
CASH ON HAND	0.00
TOTAL ALL ACCOUNTS	$20,960.48

CORRESPONDENCE: Judy, AJ7R, stated that we have received the September/October Kenwood Report, which she will post on the Club bulletin board.

A letter was also read from Danny, KC7CUQ, wherein he offered his services as Saturday Host for the Club.

QUARTERLY TREASURER'S REPORT: Jerry, W7BUN, presented the third quarter Treasurer's Report for the General Fund activity to the Board. Jim, K7YLM, asked Jerry for his appraisal as to the club's financial status at this time as compared to other years and was told we're $300 ahead, compared to being behind last quarter, but we are behind in donations..

Shirley, N7QHW, asked about the postage payment for the *Loggers Bark*. Also, Jerry said this report does not reflect the equipment insurance he just paid and the purchase of twelve new chairs for the clubhouse. Jim, K7YLM, asked if our insurance would cover the vandalism recently incurred of gang graffiti painted on the Club's garage and was told we have a deductible so it would be best for us to just paint over it. Jerry and Alan will take care of this.

Mac, W7MSR, asked about the status of the proceeds from the 1995 Flea Market and was told the account will soon be closed out and the money will go straight into savings and not be reflected in the general fund.

MISSING TABLES FROM CLUBHOUSE: Jerry, W7BUN, stated three 6-foot tables are missing from the clubhouse and he asked for permission to replace them, since they are needed for the upcoming classes. It was agreed this was needed.

PROPOSAL FOR A 1997 DIVISION CONVENTION: Jerry, W7BUN, referred to correspondence we received in June from Michael Dinkleman, WA7UVJ, from the Mike & Key ARC, asking our opinion on bringing a Northwest Division Convention to the Pacific Northwest in conjunction with other Radio Clubs in the area. The Radio Club of Tacoma was the only club to respond to this request, so it is now being proposed that the Radio Club of Tacoma and the Mike & Key ARC join together in a cooperative effort to sponsor, organize and execute an ARRL Northwestern Division Convention in the summer of 1997. All efforts, funding, and possible profits are to be divided equally by the two clubs. If this proposal is accepted by the Board of Directors of both clubs, a $2000 line item will be placed in RCT's 1996 proposed budget. These funds will be used to support this event. It was also proposed that the Radio Club of Tacoma give up its annual Flea Market in August of 1997 to put on this event. A discussion followed, dealing with the need to find an appropriate facility in the Seattle/Tacoma area and the reality the Club probably won't realize as much profit as it has with its annual Flea Market but Jerry, W7BUN, feels we should do it for the pride.

Mike, WB7DFQ, made a motion that the President appoint a committee to evaluate the proposal and return to the December Board meeting with a proposed budget, a report on the trends of attendance at conventions held throughout the country, and a potential income we could expect to realize to use to make this decision. Seconded by Mac, W7MSR. MOTION PASSED.

Jerry, W7BUN, requested that he be allowed to continue to be the liaison for the Club and Ralph, KA7FIG, also volunteered to be on the committee. Ralph also stated t
felt one thing in favor of the Club continuing to have it
Flea Market would be the loan of tables from Charles
Academy at no charge if the Club again provides secu
the school's annual rummage sale. This saves the clu
$1000. Ralph, will look into this.

ICOM RADIOS: Jim, K7YLM, said the ICOM radios us
the various Club events have been returned to ICOM.
KA7FIG, said he will be taking care of the ICOM 2000
and report back to the Board how that is resolved. Als
said the linears are being returned and arrangemen
being made for the return of the Force Twelve antennas.

HEALTH & WELFARE: Jim, K7YLM, said Tom, W6
doing better after breaking his back while working
Missouri Project. Jim also said Tom said the design
Missouri QSL is almost complete. Ralph, KA7FIG, als
the members that Bill, W7GBC, is currently in St. C
Hospital after having knee replacement surgery. S
N7QHW, said she will send get well cards to both Bi
Eva, WB7QNS, who has been experiencing back proble

MT. ST. HELENS QSL PARTY: Shirley, N7QHW, sa
QSL cards will be completed for the Mt. St. Helens eve
QSL party at the clubhouse on Saturday, October 7, at
AM.

NON-PROFIT POSTAGE CHANGES: Shirley, N7
attended a mailing conference last week on changes
class non-profit mailing. She said the Loggers Bark qu
as a periodical and, as such, cannot do any advertisi
related to insurance, travel agents and credit cards.

PROPOSED BUDGET: Shirley, N7QHW, said ou
Bylaws mention a budget proposal for 1996 mu
presented by the Treasurer to the Board at the Nov
Board meeting. She also said we print 50 to 60 extra L
Barks each month to be used for new members a
advertising purposes and she feels we must stay with
budgeted funds for printing these. Jerry, W7BUN, said
be leaving on vacation so he will need to receive any
proposals by the next Club meeting, October 11, in or
have them ready to include at the November Board mee

STANDING RULES: Mike, WB7DFQ, stated Standing
are motions which have permanence and nothing else.
have no requirement for notification of membership.
have no special majority requirements. It's
documentation of what is going on within the Club a
updated once a year. Mike requested that Judy, AJ7R
the Standing Rules and the changes agreed to at the
Board Meeting. **Shirley, N7QHW, moved that we a
the Standing Rules as proposed and amended at the
5, 1995 Board Meeting. Seconded by Mike, WB7
MOTION PASSED.** Judy, AJ7R, will publish the Sta
Rules in the November Logger's Bark.

BALLOTS FOR ELECTION OF OFFICERS: Ralph, KA
said we need to make sure that we have photos of all pe
intending to run for office to be published in the stateme
will accompany the ballots. Roger, WA7ANJ, Chairm
the Election Committee, and Shirley, N7QHW, will be w
with Ralph on this.

BOY SCOUT JAMBOREE: Brian, KA7KUZ, stated he
be in charge of the Boy Scout Jamboree to be held b
Camp Hahobas and at the RCT clubhouse from
Saturday, October 21, until 5:00 PM Sunday, October 22

WAHKIAKUM EVENT: Brian, KA7KUZ, said we receive
deposit back for leaving the Grange in such good con
Brian said the ladies were responsible for getting 26 of t
counties. Ralph, KA7FIG, said Rick Nelson, Editor f
Cathlamet Eagle, will be sending an article for *the Lo
Bark*. Jim, K7YLM, said Lou, KB7WDB, has been worki

the Club's two portable towers. Lou said more repair needs to be done. Jim, K7YLM, said he will help Lou with this.

WDK REPEATER: Mike, WB7DFQ, reported that at the last quarterly meeting of the WWARA, which is the coordinating body for repeater frequencies, they published a band plan which assigns the Club's former coordinated 440 frequency as a simplex packet frequency. Mike applied for a new coordination for 440 and received a frequency which can be used for voice or mixed mode. Mike also stated the DNR has finally decided to charge only $100 for a site. Mike is pursuing the possibility of a site currently available. He also recently personally purchased two radios which could be used for a 440 repeater if the Club decides to do so. Mike es probably the total cost for a repeater to be in the neighborhood of $1200.

ADJOURNMENT: The meeting was adjourned at 9:15 PM.

ATTENDANCE: President Jim, K7YLM; Treasurer Jerry, W7BUN; Secretary Judy, AJ7R. Board Members: Brian, KJ7KUZ; Mike, WB7DFQ; Shirley, N7QHW; John, W7MSR; Alan, N7EAY. Guests: Ralph, KA7FIG; Nora, KC7JME; Lou, KI7WDB; Val, N7VGO; Sue, KC7AVS; Tressie, KC7BAL; Ed, KC7FLR; Alan, KB7SVU; Rob, K7TGU; Mike, KB7ZDR; Marilyn, KJ7BN; Hal, W7EC; Bob, KI7HW; Russell, KB7UXK; Al, KC7DDA; Sally, KB7PKJ; and Trent, W2OBM.

Respectfully submitted, **Judy, AJ7R, Secretary**
Radio Club of Tacoma

RADIO CLUB OF TACOMA
MINUTES FOR REGULAR MEETING
October 11, 1995

The meeting of the Radio Club of Tacoma was called to order by President Jim Kirkreit, K7YLM, at 7:35 PM with 50 members and 6 visitors present. A quorum was not present for conducting official business.

MEMBERSHIP: There are 513 members as of this date for 1995.

MINUTES: Previous minutes were available at the front of the room.

TREASURER'S REPORT:

GENERAL FUND CHECKING	275.50
REPEATER FUND CHECKING	1,530.92
PACKET FUND CHECKING	512.94
FLEA MARKET CHECKING	5,442.28
MONEY MARKET SAVINGS	9,022.80
SCHOLARSHIP WORKING FUND	600.00
SCHOLARSHIP MEMORIAL FUND	2,658.90
CASH ON HAND	0.00
TOTAL ALL ACCOUNTS	$20,043.34

HEALTH & WELFARE: Jerry, W7BUN, told the group that our vice president Bill, W7GBC, is home after knee replacement surgery. Hal, W7EC, said that Andy, KA7DOX, has suffered a slight stroke but is doing OK.

HINTS & KINKS, TUNING & TRAFFIC: Hal, W7EC, said he had made a contact with a TY8 in Benin. Jim, K7YLM, also passed out a reprint entitled "Big But Cheap!"

WDK AT THE FAIR: Kathleen, N0EYK, gave a quick wrap-up on our booth at the Puyallup Fair. She said 1,086 lines were filled in our logbook by visiting hams. We had visitors from 21 states and send 170 messages via packet. She thanked everyone who helped in any way.

NEW MEMBER CERTIFICATES: New member certificates were available for John Simmons, KB7UED; Terry Howard, WA7LGY; Walter Lynch, KE6CKP; Jim Silvey, KC7HDQ; Jim Anderson, KC7MTN; and Bill Balzarini, KL7BB.

BOY SCOUT JAMBOREE: Jim, K7YLM, passed around a sign-up sheet for people willing to help with the Boy Scout Jamboree Saturday and Sunday, October 21 and 22 at the RCT clubhouse.

HELP NEEDED FOR CHARLES WRIGHT RUMMAGE SALE: Ralph, KA7FIG, said he was looking for members willing to help provide security for the ladies rummage sale at Charles Wright Academy in November. In exchange for this effort, the school allows the Club to use their tables at no cost for our annual fleamarket, saving us approximately $1500 in expenses. Ralph asks interested people to contact him.

PROGRAM: Verne Bennett from Magellan Systems Corporation presented a program on Global Positioning Systems. He told the members 35 satellites have been launched to date, with 25 still available. Each satellite cost approximately $50 million, with another $50 million needed to launch it. Three or four satellites need to be visible to make GPS systems work, which gives you latitude, longitude, altitude and time. GPS's come in a wide range of prices.

NOMINATIONS FOR RCT: Tom, N7QHX, Chairman of the Nominating Committee announced those running for positions. After announcing each candidate, Tom, in accordance with Roberts Rules of Order, called for any additional nominations from the floor three times before calling nominations for each position closed. Candidates for President are Alan Allen, N7EAY, and Mike Crawford, WB7DFQ. The candidate for Vice President is Bill Shimmin, W7GBC. The candidate for Treasurer is Shirley Murphy, N7QHW. The candidate for Secretary is Mike Horbul, KI7YB. Regarding nominations for the Board, Tom announced that President Jim Kirkreit, K7YLM, will automatically become a Board member as outgoing President. Additional candidates for the Board are: Alan Hughes, KB7SVU; Charles Hicks, WY7V; Russell Foster, KB7UXK; Jerry Seligman, W7BUN; Judy Kirkreit, AJ7R; and Ralph Fuller, KA7FIG. There were no additional nominations from the floor.

ELECTION STATEMENT: Ralph, KA7FIG, said candidates have until October 15 to submit statements to be included in the Election Sheet that will accompany the ballots when they are mailed to Club members. Ralph also announced that Stan, N7KMF, was available this evening to take any needed photos of the candidates. Otherwise, arrangements need to be made with Ted, KC7CAX, for any remaining photos needed. Statements need to be approximately three to four paragraphs, or about half a sheet maximum.

RACES/ARES: Shirley, N7QHW, announced there will be a function called Hike for Hospice on Saturday, November 4, from 8:30 AM until 12:00 noon at Pt. Defiance. Volunteers are needed.

CLASSES: Jerry, W7BUN, announced he would be starting a 4-week general class the middle of November. Members interested should contact him.

Also, at the next meeting Jerry, W7BUN, will present a program regarding participation in Sweepstakes in November by everyone who has HF privileges or anyone who can get to the clubhouse to help operate the Club station. If everyone makes just a few contacts and turns them in to the secretary we'll have a good score for the Club. CW is the first weekend in November and phone is the third weekend.

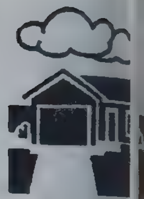
MT. ST. HELENS QSL CARDS: Jim, K7YLM, mentioned that QSL cards were still available in the back of the room for any Club member who had not yet picked up his/her card.

ADJOURNMENT: The meeting was adjourned at 9:15 PM.

Respectfully submitted, Judy, AJ7R, Secretary
Radio Club of Tacoma

November 1995

W7DK EVENTS



SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDA
			1 Board Meeting Club House 7:30 pm. #'RUSS'-KB7UXK	2	3 # LUIS - AA7WE	4 PINOC POTL-U Clubhou 7pm # DEBBIE-N7QP # ERIC- N7EPD # VAL EIDSMOR
5 #'BOB'-KB7MRZ #'PAT'-KG7KM #'MIKE'-KG7LD #RALPH-KB7SWZ # PETER-KC7IBI	6	7 147.28 NET 7:30 PM ---------------- #'BOB'-KA7FHM # JOEY -KB7UXC # MAURY-KA7THR	8 W7DK MEETING Library 112 St. E.& WALLER RD. 7:30pm #'SAM'- N7SS	9	10 # BRIAN-KC7FAE	11 Vetera Day # BETTY -N7OV # ANN - KF7ZU
12	13 # JACK -K7VOV #'CLIFF'-W7MFG	14 147.28 NET 7:30 PM ---------------- #JEROMY-KC7JDM	15 *ARROWS MEETING 7:30pm Clubhouse*	16 # RUTH - N7WGF	17 # BILL - W7GPR # 'DON'- N7OTV	18 #WILLIE-KA7NX # GLENN -N7DN
19 # BILL -WA7JAM # SCOTT-KC7HII # STEVE-KC7KAZ	20 LOGGER'S BARK *DEADLINE*	21 147.28 NET 7:30 PM ---------------- MVWS VB TESTS #'JEFF'-K7JF # KATHY -N7DVS # RUTH-N7KYN	22 W7DK MEETING Library 112 St. E.& WALLER RD. 7:30pm	23 Thanksgiving	24 # PAUL -N7EPH # ALAN -KB7SVU #MALCOME-KI7RZ # JOE - WA7BLE # CHARLES-N7YNZ	25
26 # JOHNNY -KJ7M # 'ANDY'- W7RW	27 LADY'S PINOCHLE CLUBHOUSE NOON #CLARENCE-NU7K	28 147.28 NET 7:30 PM ----------------	29 ARES MEETING Clubhouse 7:30 #'JACK'- W7IMW	30		

# Happy Birthday!

Coming Events

November 1 - Board of Directors meeting - 7:30 PM - RCT Clubhouse - members are invited.

November 4 - Potluck/Pinochle at the Clubhouse 7 PM

November 4-5 - ARRL November Sweepstakes, CW

November 6 - 6pm - All license class exam session - Clubhouse - 1249 S Washington - pr registration not required - bring original and copy of license & any CSCE, plus a piece identification

November 8 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - **Program: Mik Crawford, WB7DFQ, Rob Lee, N7TGU, Al Burleson, KC7DDA, a discussion on the 450MHz Repeater**, and Election results

November 18-19 - ARRL November Sweepstakes, Phone

November 22 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - **Program: Ale Braidwood, W7AZR, Discussion of homebrew antennas**

November 27 - Ladies Pinochle at the Clubhouse 12 PM

November 25-26 - CQ Worldwide DX Contest, CW

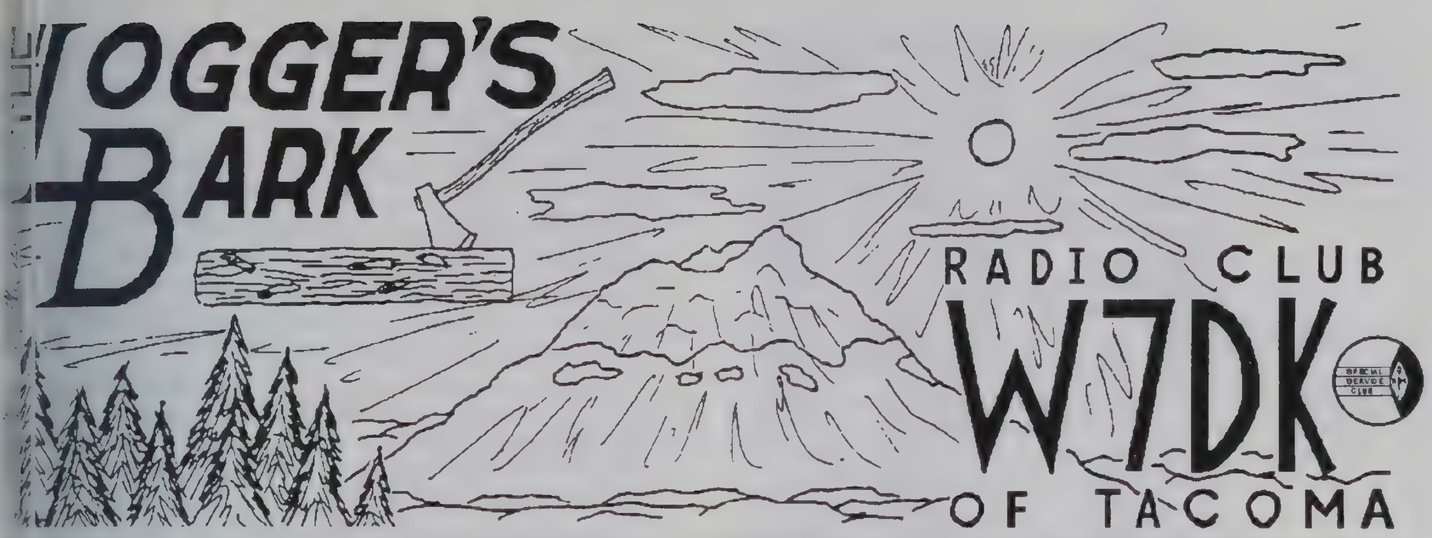
December 30 - 10am - All license class exam session - Clubhouse - 1249 S Washington - pr registration not required - bring original and copy of license & any CSCE, plus a piece identification.

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

NON PROFIT ORG.
U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

ADDRESS CORRECTION REQUESTED

LIFE



VOL XXXII NR.12 W7DK DECEMBER 1995

From The President

de Jim K7YLM

It is with pride and a degree of sadness that I leave the office of President of our Club. I am very proud of our accomplishments. Our membership is up, we have had Club activities covering nearly every aspect of ham radio.

It was my hope that we could learn how to build electronic projects, learn how to use HF and VHF equipment, learn how to assemble and set up remote stations and learn how to assist each other. We need to learn to be prepared to help our members and our community in an emergency.

Your efforts have far surpassed my expectations. We built electronic projects at the Clubhouse for four months. We set up stations at Pt. Defiance, Five Mile Lake, McChord Air Force Base, Mt. St. Helens, the USS Missouri, The Soldiers Home and on Puget Island on the Columbia River.

Our Antique Wireless Station is coming into full operation. Our ***Logger's Bark*** has won national awards. We have established good working relationships with many radio clubs and other organizations. Our repeaters are much improved. Our packet bulletin board is in full operation and currently has a large number of users. A number of our members have helped others learn code, theory, station set-up, contesting, packet operation, antenna construction, and tuning procedures.

Our Clubhouse has a new HF station, a first class antenna, new paint and new carpet, digital HF equipment and a start on a packet training station. Our AROWS ladies group has helped with every project and has provided a number of scholarships. Our participation on the Missouri Project and the Mt. St. Helens Project has brought out Club and our area world-wide recognition.

I am also very proud of the work done by our Advanced Training Committee, HF Committee, Repeater Committee, Packet Committee and many others.

I am most proud of our willingness to give assistance to our fellow amateurs whenever they needed help. I am proud that all members were always allowed to be a part of all programs and activities. In addition, I am proud that we have a large membership, are financially stable, and in any emergency we have the training, the equipment, and the ability to provide communication when everything else is gone.

Will I be disappointed to leave all of this? You know I will. I will look back on this period as one of the most exciting and rewarding times of my life. My thanks to all of you who helped me, who helped our members, and who made ideas a reality. Thanks and 73

Judy, AJ7R

The Editor's Choice

de Ralph, KA7FIG

From time to time I have chosen to bring to the Club's attention an outstanding member who has given above and beyond the call to duty. Judy Kirkriet, AJ7R, is my final choice for 1995. Some time ago Marilyn KJ7BN wrote a column to her friend Judy which is one of my favorite articles. My friend Judy and I have had a special relationship, as both of us were completely computer illiterate when we started in our respective jobs.

The solution to our first dilemma was to throw lots of money into the computers so we could begin to talk to each other by modem. Chasing around the county picking up discs that were in languages neither of us understood was getting old very fast.

She had another major problem that I didn't have, her husband Jim K7YLM. I also know that Jim was her biggest fan and went the last mile to give Judy all he could. He wanted a computer for a BBS, and Judy just wanted to send her Club minutes and all of the other articles she was proof-reading for the *Bark*.

I know she was under tremendous personal pressure because her two predecessors, Ray, W7KFN, and Shirley, N7QHW, had set new standards for reporting detailed minutes. So Judy hung on every word at every Club or Board meeting clutching her tape recorder, and hoping against hope she got it right.

Being a wife, mother, grandmother, friend of almost every person she's ever met, secretary and a shoulder for me to cry on puts her right at the top of my list.

Her work through out the *Bark* may appear unnoticed by those of you who only get to the Minutes, but for the last years those minutes are read by many of you. I get calls often wanting to know if a particular incident had happened at a meeting. I only had to call Judy once to back up her statement. She said, "If it is on the tape it's in the *Bark*."

I never asked again. Thank you Friend. Ralph, KA7FIG

RADIO CLUB OF TACOMA
1995

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V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
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****

CLUB MEETINGS: 7:30 pm

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206 / 759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Mail all articles to Ralph Fuller, KA7FIG, 8208 Southway SW, Tacoma WA 98498. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK / Radio Club of Tacoma

147.88 / .28 MHz	144.97 - Packet
147.98 / .38 MHz (pl 103.5)	441.00 - Packet

New Club Offficers for 1996

President:...................... Mike Crawford, WB7DFQ
Vice-President:............. Bill Shimmin, W7GBC
Secretary: .... Mike Horbul, KI7YB
Treasurer: .... Shirley Murphy, N7QHW
Board Members:........... Russell Foster, KB7UXK
.... Ralph Fuller, KA7FIG
.... Charles Hicks, WY7V
.... Alan Hughes, KB7SVU
.... Jerry Seligman, W7BUN

New Members

Mark Sandler, KC7JHZ RCT #18
5020 141st Ave SE
Bellevue, WA 98006 747-8086

Reinstatement

Rich Hieb, WB7PYS RCT #83
1418 99th St E
Tacoma, WA 98445 531-5264

Address/Phone Changes

Trent Bronson, N2OBM
5823 73rd Ave Ct W Apt 304
Tacoma, WA 98467-4636 564-2406

Kurte Jansson, KC7LGM
Moved To Alaska - Left No Forwarding Address

Address Changes

If you change your address, please notify the immediately. The Post Office will not forward your *Logg* *Bark*, but instead returns it with $.50 postage due. A members who notify the Post Office they will be "tempor away" will have their *Barks* returned to the Club. Each m as many as 6 to 10 *Barks* are returned; members don't their *Barks* and the club loses about $50 a year. Call D W7RGD, 627-0922, or Jerry, W7BUN, 845-7652, to re any changes in address, phone number, or callsign. Th you!

Radio Club Of Tacoma - VE Testing

The Radio Club of Tacoma, W7DK will be offering a license class examination session on **December 30**, 10 a the Clubhouse, 1249 S Washington. Pre-registration required. Be sure to bring original and copy of license any CSCE plus a piece of identification.

Beginning February 13, 1996, RCT will be hol monthly VE testing sessions at 7 PM on the second Tues of each month at the RCT Clubhouse - 1249 S Washingto in Tacoma.

For information call Jerry Seligman, W7BUN 845-765

Walk-Ins Are Always Welcome

VE Testing

The Maple Valley Wireless Society will conduct a License examination the Third Tuesday of each mo and shall begin 7pm, promptly at the Auburn Fire Sta located at 1101 "D" Street NE, Auburn WA. Be sur bring original & a copy of your license and any C plus a piece of identification. For more informatio how you might participate, call **Bill, W7GBC**, 584-1 or **Ralph, KA7FIG**, 582-5841.

Walk-ins are always welcome.

The Editor's Log Pile

de Ralph, KA7FIG

At the November 22 Club Meeting I had the opportunity to talk to the members in the room about putting some of their radio experiences down on paper and maybe we could ignite a little spark among our new members and especially No-Code Techs, that there is more to radio than buying a box of o anized transistors.

Alex Briadwood, W7AZR, demonstrated how to build hcie brew 2 meter and 440 MHz antennas out of every day m erials. We have had Mike, WB7DFQ, Al, KC7DDA, and R, K7TGU , bring in a complete 440 repeater and with an ov-head projector to displayed the entire working parts of h repeater.

One of my projects for next year is to have more hands or training in as many aspects of radio as possible. In my op ion we need to have the respect of our seniors to pass dvn how it used to be, so that the Club can grow with krwledge. The proliferation of the modern radio creates a hue gap between where we are and where our hobby is gng.

At Club meeting nights our President Jim, K7YLM, has hd-outs for everybody on different types of antennas. I was n interested until three days ago when Alan, KB7SVU and hi son Marcus pulled nineteen and seventeen element beams o of my tree. It cost me two 120 foot runs of coax, a rotor ce complete with rotor and control box. The little stainless stl tower that needed a lot of straightening and all of this w require a good deal of clean-up to make it functional ain. The point is that every member has some thing to give teach other if it is only moral support.

I asked the room if there was any person who did not own a 2 meter radio. One gentleman raised his hand and cfessed he had no amateur radios. Most of the room raised thr hands when I asked about 2 meters and 440 Mhz.

When I asked, Worth, W7WG, to put a few words into t Bark on QRP transceivers the whole room perked up. Tere is an entire world out there of trials, tribulations, mstakes and successes within our own Club. "Build the oportunity and the people will come." That maybe an over ued statement but all of us who operate any radio, CB to Cllular phone and all of the spectrum in-between need to kow the experiences of our peers or pay to find out from t pros.

My radio involvement began in 1969 on a 21 channel Mdland. I had purchased some land in a very remote part c Okanogan County which was really the end of the line. Tere were 5 families surrounded by 12,500 acres some fends of mine owned, and were eventually purchased by sme other friends I know. If you didn't have a CB you were vry much alone, and being very much alone could get you ked.

Since those days in the late sixties I have no idea how rany people I've helped, or found, or saved or lost. My wife arie, KAFHEG, and I don't leave home without a dual-bnder programmed for the area we plan to enter. When yu are with a tanker truck up-side down, the art of ogramming your radio maybe a lost art.

Jerry, W7BUN, has Directories at the front table at ery Club meeting, which cover all of VHF and UHF that vers the western world. Besides the radio in my opinion n't leave home without the Directory either. **Timber**

RACES/ARES

de Shirley, N7QHW

Here it is December again and another year has once again flown by in a flash. This past year has seen many changes occur within emergency communications.

We are about to complete our first year as a corporation with elected officers and a board. We accomplished becoming a 501 (c) (3) tax exempt organization which was effective as of September 12, 1994. The many Public Service events were well supported under the leadership and guidance of Judy LaFleur, N7NII. TAC ONE has also been busy this year with many searches and a job well done under the leadership of Sam Roe, KB7QQQ. We look forward to another full and rewarding year in 1996.

Training will be the primary partner for everyone next year. Training consists of participating in Public Service Events, Searches and planned drills and exercises. It is extremely important also to gain experience handling traffic since that is the main thing we do in emergencies.

At the November 15, 1995 meeting we held our annual elections and the following persons were elected to positions.

Chairperson	Candace Plumlee, KB7KJX
Vice-chairperson	Don Wagoner, KB7SPQ
Secretary	Laura Nelson, KC7CQU
Treasurer	Jan Paterson, N7QHU
Board Member	Scott Geisert, N7XTI
Board Member	Andrew Yates, KB7YTL

Also on the Board will be RACES Radio Officer Bob Tilley, KB7NBQ; Acting Emergency Coordinator Paul Robertson, N7WGU, who is also on the Board as the immediate past chairperson. These are your leaders for 1996, they need your support and participation.

General membership meetings occur on the third Wednesday of each month at the TACID Building located on S19th between Pearl and Mildred (right behind TCC) beginning at 7:00 PM.

The Pierce County Emergency Services Net is held each Tuesday at 7:00 PM on the 145.37MHz WC7AAO repeater and on the 442.45MHz KE7LE repeater. Tune into this net for announcements about meetings and programs that will be done.

The Pierce County Amateur Radio Communication Services Board (PC ARCS) thanks all you for your support and help in 1995 and we look forward to an even better 1996. **THANK YOU!!!**

We would also like to extend our greetings to each of you for safe and happy holidays.

RCT CHRISTMAS PARTY
DECEMBER 2, 1995
5:30 - 8 PM,
TACID BUILDING
6135 S 19TH, TACOMA
POTLUCK
CALL MARILYN, KB7BN
845-8346

News from ARRL

de Jerry, W7BUN

The FCC, responding to a request from the ARRL, has clarified its rules regarding Amateur Radio stations' use of digital modes. The FCC added a paragraph (4) to Part 97.309(a) to read: (4) An amateur station transmitting a RTTY or data emission using a digital code specified in this paragraph may use any technique whose technical characteristics have been documented publicly, such as CLOVER, G-TOR, or PacTOR, for the purpose of facilitating communication.

The FCC Field Office cuts have been approved by the Commissioners. The plan would automate the FCC's network of airwave monitoring stations and reduce the number of field offices and field personnel. The plan will establish a new toll-free national call center which would enable the public to call one number to reach the FCC for information or to report complaints. The plan should be in place by 1997 and is estimated to save $8 million annually thereafter.

The FCC has denied three requests to lower the Morse code requirement for the General Class Amateur Radio operator license. The requests came from three Technician Plus Class licensees and all asked that the 13 wpm Morse code requirement for the General Class license be lowered to 5 wpm. The FCC said "The current amateur service license structure and examination requirements were developed in accordance with the expressed desires of the amateur service community through numerous rule making proceedings that generated many thousands of comments. The requesters have not presented sufficient evidence to justify revisiting matters at this time."

Nominations are open for ARRL Instructor of the Year awards: the ARRL Herb S. Brier award (nonpaid volunteer instructor); the ARRL Professional Educator of the Year (paid, professional teacher); and the ARRL Professional Instructor of the Year (paid, but not certified, teacher). Send nominations to your ARRL section manager by January 31, 1996.

The FCC has waived its rules to permit the General Electric Company to begin marketing an "RF lightbulb." The devices will conduct RF energy into the electric power lines in the band 2.2 to 2.8 MHz. Radio operations in this frequency range are not normally employed or intended for reception in residential environments. The ARRL Laboratory will obtain samples of the GE bulbs for testing as soon as they are available.

The ARRL will have a new publication available in December, the ARRL Contest Yearbook. Included are rules, summary sheets, dupe sheets, zone maps, section lists, and a club field day package for all ARRL contests. It is also possible to download all contest forms from the ARRL Automated Information Server at info@arrl.org.

The FCC set the maximum reimbursement fee for amateur operator license examinations to $6.07 effective January 1, 1996. This amount is based on the Consumer Price Index and it is an increase from the current $5.90. The ARRL/VEC will charge $6.05 to each applicant during 1996. There will be no charge for Novice Class element 1A (5 wpm Morse code) and element 2 (Novice written exam).

FCC-issued callsigns as of November 1 include: AB7NA, KJ7SG, and KC7NPR.

20 Years Ago in the *Bark* - Dec 1975

The long awaited Club repeater license has issued. The call sign is ,WR7AHD.

Activities planned for December include the C annual Christmas Party to be held at the Paul Bu Restaurant in Puyallup, and Club elections to be held a December 10th meeting. Elections are normally held a last December meeting, but this year the date woul December 24th, Christmas eve, and that meeting has canceled.

The TVI Committee was called out in November wh lady on South 7th Street reported snow and lines on her She initially called KING's Call for Action and was told probably a ham." The TVI Committee found the power behind her house suffered the most horrendous power noise ever heard. City light was notified.

The FCC just issued its two-millionth CB license, estimates there are at least two million operating withc license. Due to this heavy workload, FCC amateur acti are falling behind. The FCC announced that "ins license upgrades for those passing an exam will ha soon ("soon" turned out to be 15 years!).

For Sale

2 Meter Hand Held
Very Nearly New - 2 Months Old
Radio Shack Model HTX-202
Complete With Charger
New Price $260
Sale Price $170
Call Jack W7IMW - 564-3997

Estate Sale

Former member Jack Reynolds, W7OFK, is now a s key. Gene Dodge, W7BTV, is handling the sale o radio equipment. All equipment seems to be in g shape and in good working order. Gene's address telephone number are:

5720 Lagoon Lane NW
Gig Harbor, WA 98335
206-265-3434

Kenwood TS-530SP/D Transceiver complete
Kenwood AT-250 Automatic Antenna Tuner, M
Microphone and Manuals $500.00
Kenwood TM-211A/E 2-meter Mobile Transceiver
Manual, Microphone and External Speaker $150.00
Astron RS-12A Power Supply $75.00
Heathkit SB200 Linear Amplifier with Manual $300.
Larson 2-meter Mobile Mag-Mount Antenna $15.00
Heathkit VTVM $25.00
Various small parts, tubes, etc. Make offer.
Gene Dodge, W7BTV

Test Session Report

At the November 6th test session, 29 candidate for 34 test elements. 29 passed for a pass rate of The next test session at the Clubhouse will be Satur December 30th at 10 AM.

Looking Forward

de Mike, KB7QOP

Throughout this last year the Radio Club of Tacoma has gone through a period of growth and change that was wonderful to behold, and a joy to be part of. I have reflected, in the past, upon the tradition of excellence that we have started and I look forward to the pportunity to continue to examine, with pride, our increasing gress in areas we have as yet only touched upon. I am gteful to have been given the opportunity to express my setiments here, in the Loggers Bark, for it is rare indeed h one can find the opportunity to put his thoughts before sh a varied and receptive audience. We are part of this Cb because we have dreams, ideas and hopes about what Aateur Radio is and what it can do. It would be one thing took back and see failure, but the past, for us, holds no sh thing. We can nod our heads in contentment, and re, at where we have been and where we are going.

It would be a terrible thing, however, to become cplacent. Amateur Radio is about having fun and eying the many benefits that such a dynamic hobby can prvide; it is also about hard work and dedication to getting h job done. I have learned that basic truth well, by wching those in our club who have sacrificed their time, ergy and passion to make it all succeed. I am referring to peple you know well, or should. To Jim and Judy Kirkreit, An Hughes, Brian Spindor and countless others who have en there for the Club time and time again, even at the ct of great personal sacrifice. I am proud to call these eple friends, because they care deeply about what hapens to the Radio Club of Tacoma. And I care too.

There is much to be excited about in the coming year, a I am sure the Club membership will be more than up to h task. After all, who am I, other then just another Club mber? It doesn't take special skills, or years of eperience, to make a Radio Club run. It just takes a lot of deication, hard work and, most importantly, the ability to epy it!

Ralph, KA7FIG, asked me to write a series on CW in th upcoming issues of the '*Bark,* and I intend to do so. Mse Code is one of those things that is viewed by different eple in completely different ways, and I hope that I might e able to shed some light on the myths and facts suounding this unique operating medium. There are, and w be, many newcomers to the **Radio Club of Tacoma** a I hope that I might be able to encourage them to try CW a see what it's all about. I'd bet that many would be plasantly surprised. Now, I did something very similar last yer. At the request of our President, I put forth a series of arcles on how to improve your Morse code ability, and why yo should try it to begin with. For every facet of CW that I tohed, however, there were probably dozens left out. If yo have a specific question, or comment, about Morse coe that you would like addressed, please let me know. Mse code is too much fun to ignore, and I hope I might reind you of that fact.

That will all start next month, however. For now, I would siply like to encourage people to enjoy the holidays, get plty of R&R (Rest and Radio) and save your energy. Beause if you are as pumped up as I am about what is on ou 1996 agenda, you'll need it in the new year!

Best holiday wishes, and 73.

Amateur Radio Exams in the Puget Sound Area as of November 20, 1995

1st or 2nd Tuesday - 7 PM - Puyallup Fire Station, 128th St. one block west of Meridian, Puyallup - Contact Mike Horbul, KI7YB, 845-2545. Sessions Oct 3, Nov 14, Dec 5, Jan 2, Feb 8

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, Kirkland - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 10 AM - North Seattle Comm. College, Rm 3343, 9600 College Way N. - Contact Mike Mitchell, W7WHT, 282-1438, Seattle

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, Kent - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

2nd Tuesday - 6:30 PM - Everett - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd & 4th Thursdays - 7:00 PM - Ft. Lewis Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - Tukwila - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - Auburn - Fire Station, 1101 D St NE -Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - Ferndale - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - Renton - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - Sultan - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - Montesano High School - Pearsall Center, 2109 Sumner Ave - next session - May 20 - Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - Stanwood - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - Everett - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - Marysville - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4th Saturday - 9:30 AM - Bremerton - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - Olympia - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

December 30th - Saturday - 10 am - RCT clubhouse - Tacoma WA - Contact Jerry Seligman, W7BUN, 845-7652, Puyallup

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

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For 11 Mondays 6 to 7:30

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The Radio Club of Tacoma

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OR
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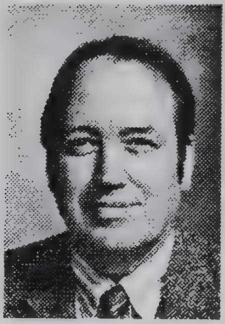


Tone Or No Tone

Mike, WB7DFQ

With all due respect to Will Shakespeare! To tone or not to tone, that is the question! Have you ever wondered why some repeaters require a "PL" tone and some don't, or why some require a tone all of the time, and some for only part of the time. Let's look at these questions and see if we can come up with some answers.

First a bit of history. "PL" which has nearly become a generic term, is actually a trademark of Motorola and was coined from the first letters of "Private Line" which was the original trade name used by Motorola for the Continuous Tone Coded Squelch System. (CTCSS). The concept of CTCSS is a simple one in which 1 of 32 possible sub audible audio tones between 67.0 Hz and 203.5 Hz is continuously transmitted along with the desired voice signal. The squelch circuit located in the receiver only opens the squelch when the proper tone is present on the signal. As originally implemented CTCSS was intended to allow mobile receivers to remain squelched until a call was specifically directed at them by having the repeater transmit the tone which corresponded to the receiver being called. This allowed many users to co-exist on the same frequency without having to listen to traffic which wasn't intended for, and was of no interest to them.

On Amateur repeaters we usually take a different approach in that the mobile receivers all use noise operated squelch and hear every transmission from the repeater. The tone squelch is located on the repeater receiver and the mobile transmitters must transmit the correct tone in order to access the repeater.

One of the most common reasons for using "PL" on a repeater is to reduce interference caused by users operating on a distant repeater which is on the same frequency as a local repeater. These users may be too weak to be copied clearly on the local machine but are still strong enough to open the noise squelch. CTCSS will eliminate this interference by allowing only a transmission containing the correct tone to open the squelch. Sometimes the tone and noise squelch functions will be operated in parallel to allow full quieting signals without a tone and weaker signals with a tone to access the repeater. This ensures that weak stations who want access can get it while excluding those distant stations who are trying to operate through another repeater. As more and more repeaters are coordinated on the same frequency the coordinating bodies such a WWARA are now often requiring CTCSS as a condition of coordination.

Another, all to common reason for the use of "PL" can be the existence of a high level of electronic noise such as intermod on the repeater input. As an ever increasing number of RF generators like cell phone sites and paging transmitters come on the air all repeaters located in urban settings may soon require "PL" to be able to operate. Just listen to 147.28 late at night to see what I mean.

Contrary to popular belief "PL" is almost never used to exclude unwanted users from a repeater and in fact it doesn't even work very well for that purpose because anyone with a modern transceiver can determine the correct tone with ease. Today the repeater directories often list the tone for repeaters which require them and it is not uncommon for the tone information to be included as part of the repeater ID string.

Unless "PL" is required as a condition of coordination the repeater owner determines whether and when to require CTCSS. Repeaters which suffer from a lot of interference tend to require the use of a tone all of the time to mak
usable. Some owners turn "PL" off during the commute
and on the rest of the day. Others only turn "PL" on
times of observed interference and still others require it
night.

As you can see the purpose of a "PL" tone isn't to e
anyone from a repeater but is, in nearly all cases, inten
make the repeater more usable. You should of
determine if a repeater is an "open" repeater before you
general use of it whether it requires a tone or not. If you
courteous, knowledgable operator you will be welcome
everywhere.

RADIO CLUB OF TACOMA
MINUTES for REGULAR MEE
October 25, 1995

The meeting of the Radic
of Tacoma was called to orc
President Jim Kirkreit, K7YL
7:30 PM with 49 members
visitors present. A quorum wa
present for conducting
business.

MEMBERSHIP: There are
members as of this date for 19

MINUTES: Previous minutes
available at the front of the room.

TREASURER'S REPORT: There is no Treasurer's
this meeting due to the absence of the Treasurer.

UPGRADES: Mark, KC7FAA, upgraded to general class

RCT SATURDAY HOST: Jim, K7YLM, announced th
had appointed Danny, KC7CUQ, Host for the open hous
at the RCT clubhouse each Saturday.

HEALTH & WELFARE: Jim, K7YLM, said he had talke
Andy, KA7DOX, who recently suffered a mild stroke. H
Andy is in good spirits and undergoing some therapy.
also told the members that Bill, W7GBC, was with us t
and doing well after his knee replacement surgery. Tr
KC7BAL, announced Peg, N7IRW, had surgery to rem
kidney after discovering she had cancer of the k
Shirley, N7QHW, announced Gene, W7BTV, woul
coming home soon after suffering a heart attack. Also,
KB7PKJ, had surgery for hip replacement and is doing
Tom, W6QJI, is continuing to improve after suffering a b
back while working on the USS Missouri Project.

CHARLES WRIGHT RUMMAGE SALE: Alan, KB7SVU
volunteers are needed to help provide security and pa
direction on Saturday, November 4 from 8:30 AM unti
PM and November 5 from 11:30 AM until 4:00 PM f
rummage sale at Charles Wright Academy. In exchan
this service the Club will again be allowed to use the sc
tables free of charge for the 1996 RCT Fleamarket. Cal
or Ralph, KA7FIG, if you are able to help.

LOGGER ENDORSEMENT: Bob, N7QOZ, receiv
Logger's Endorsement.

NEW MEMBER CERTIFICATES: A new member certi
was presented to Michael Iverson, KM7I and was availat
Val Eidsmore.

BOY SCOUT JAMBOREE: Jim, K7YLM, thanke
members who helped with Jamboree on the Air last wee
both at the RCT Clubhouse and at Camp Hahobas.

PROGRAM: Mike, KI7YB, presented a very inforn
program on contesting. He gave information on th
Worldwide DX Contest this weekend and the ARRL CV
SSB Sweepstakes in November. He explained the inforn
we need to exchange to make a contact official, the man
which points are scored and also provided the member
several handouts including official entry forms, log s

de" sheets, reprint from QST on Sweepstakes, ARRL/CRRL Section Abbreviation Sheet and a tip sheet on o to make better scores in Sweepstakes contests. He presented contesting in a very understandable, down-to-earth manner and encouraged all members to join in the fun and turn in their logs to the Club Secretary, Judy, AJ7R, to add to the W7DK Club score, whether they operate W7DK at the Clubhouse or at their home stations.

LICKEM STICKEM BARK PARTY: Shirley, N7QHW, announced the Bark Party would be held next Monday, October 30, at the RCT Clubhouse at 10:00AM. Donuts and coffee will be available for helpers.

RACES/ARES: Shirley, N7QHW, said ARES is now called the Pierce County Amateur Radio Communication Services, ARC, and is a combination of AREA and RACES but the people, time, place, etc. is all the same to make the name more generic. There have been lots of searches lately, all successful. The current search is to look for some lost mushroom pickers and it is hoped it will also be successful. The event coming up is Hike For Hospice on Saturday, November 4, at Pt. Defiance Park from 7:45AM until noon. 50 people are needed.

W7DK BBS: Jim, K7YLM, said he has available a handout on the W7DK Bulletin Board. It's a lightweight "primer" telling some information about running the BBS.

USS MISSOURI: Jim, K7YLM, said he had talked with Tom, W6QJI, who told him a retired Captain in the Navy is in charge of a campaign which has raised eight million dollars to try to retain the USS Missouri in Bremerton. The plan at this time is to anchor it next to the Turner Joy at the end of a causeway that will be built. There is also a plan to have a radio station either on the bridge or in the radio room using the WW2END callsign. They hope to attain a 501(c)(3) tax status which would allow them to build, maintain and equip it. r said they have stabilized on a design for the QSL for WW2END and hope to have them completed soon.

CLUB INTERNET ADDRESS: Jim, K7YLM, said the FCC is encouraging radio clubs around the country to have an internet address using the callsign of the radio club.

ADJOURNMENT: The meeting was adjourned at 8:40PM

Respectfully submitted, **Judy, AJ7R, Secretary**
Radio Club of Tacoma

RADIO CLUB OF TACOMA
BOARD MEETING of November 1, 1995

The Radio Club of Tacoma Board of Directors meeting was called to order at 7:30 PM by President Jim Kirkreit, K7YLM. There were six Board members and three guests present. A quorum was present for conducting official business.

TREASURER'S REPORT: There was no Treasurer's Report for this meeting due to the absence of the Treasurer.

WW1 SPARK TRANSMITTER: Jim, K7YLM, said he was approached by a gentleman from Bremerton, offering to sell the Club a WW1 rotary spark transmitter for $30. The Board agreed this would be a fine addition to purchase for the Club Museum.

NEW USS MISSOURI PROJECT: Jim, K7YLM, said Tom Sanders, W6QJI, is involved in a movement to keep the USS Missouri in Bremerton. A petition will be presented to the Club at next RCT Meeting for interested members to sign. The decision on the ship's home is expected to be made in April of 1996.

VETERAN'S DAY: November 11 is Veteran's Day and the 100th Anniversary of Washington Statehood. It was discussed that on this day the Radio Club of Tacoma have a commemorative station on the air.

HEALTH & WELFARE: Jim, K7YLM, announced that Chuck, WY7V, suffered a heart attack. Jim said Chuck is at home now. Emily Charap, the wife of Al, KA7BRT, is recovering from back surgery but it is a slow process. Mike, WB7DFQ, said his wife, Sally, KB7PKJ, is recovering from hip replacement. She is at home and progressing nicely.

NW DIVISION CONVENTION: Ralph, KA7FIG, did some research regarding possible locations which could be used for a NW Division Convention. Mike, WB7DFQ, said we need to find out how other regional conventions have been doing and gauge possible attendance and projected income we might expect. Jim, K7YLM, thinks it would be a good idea to see how well our Club would support this idea. He said this year our annual Fleamarket had a profit of $5000. If we give up this event, as proposed, coupled with the $2000 seed money needed, the Club would be minus $7000 before we would even begin. Mac, W7MSR, feels we are letting ourselves be shaped by the newcomers to ham radio and he feels the conventions should be a means of passing on to the new generation the understanding and the attitudes of the older generation. It was agreed that other investigation needs to be done regarding this possible project. This will continue through November and will be addressed at the December Board Meeting.

VIDEO FOR NON-HAMS: Shirley, N7QHW, said in the October ARRL Field Forum a new video called "Friends for Life" was advertised geared for showing to non-hams to interest them in amateur radio. The video and a complete speaking package can be ordered for only $10. **Shirley, N7QHW, moved that the Club purchase the "Friends for Life" package. Seconded by John, W7MSR. MOTION MASSED.**

1996 FEE SCHEDULE: In accordance with our Bylaws, which state that the Board of Directors shall, no later than its November Board of Directors meeting, determine the membership dues for the upcoming year, **Shirley, N7QHW, moved that we maintain the current RCT fee schedule for 1996. Seconded by Mike, WB7DFQ. MOTION PASSED.**

CHARLES WRIGHT RUMMAGE SALE: Ralph, KA7FIG, said we need more help for security at the Charles Wright Rummage Sale on Saturday, November 4 from 9:00AM until 4:00PM and on Sunday, November 5 from 12 noon until 4:00PM.

RCT 147.28 REPEATER: Mike, WB7DFQ, told the Board that he will be upgrading the Club's 147.28 repeater in the near future to announce nets and meetings and may also change the code speed. Mike also says we have the opportunity to put a working 440 repeater on Sparpole Hill to test it. He also will be moving the 147.38 repeater to an undisclosed site (with the appropriate approval of the WWARA) and bring the amplifier up to full power and try it there for a short period of time.

MEETING ADJOURNED: The meeting was adjourned at 8:45PM.

ATTENDANCE: President Jim, K7YLM; Vice-President Bill, W7GBC; Secretary Judy, AJ7R. Board Members: Mike, WB7DFQ; Shirley, N7QHW; John, W7MSR. Guests: Ralph, KA7FIG; Dale, KC7LZI; and Al, KC7DDA.

Respectfully submitted **Judy, AJ7R, Secretary**
Radio Club of Tacoma

RADIO CLUB OF TACOMA
MINUTES FOR REGULAR MEETING
November 8, 1995

The meeting of the Radio Club of Tacoma was called to order by President Jim Kirkreit, K7YLM, at 7:30 PM with 68 members and 4 visitors present. A quorum was present for conducting official business.

MEMBERSHIP: There are 516 members as of this date for 1995.

MINUTES: Previous minutes were available at the front of the room.

TREASURER'S REPORT:

GENERAL FUND CHECKING	521.81
REPEATER FUND CHECKING	1,530.92
PACKET FUND CHECKING	500.00
FLEA MARKET CHECKING	525.00
MONEY MARKET CHECKING	12,440.08
SCHOLARSHIP WORKING FUND	600.00
SCHOLARSHIP MEMORIAL FUND	2,658.90
CASH ON HAND_	0.00
TOTAL ALL ACCOUNTS	$18,776.71

NEW CALL: Anna Raff announced that she has received her new call, KB0UGW.

HEALTH & WELFARE: Jim, K7YLM, said Chuck, WY7V, was with us tonight after suffering a heart attack. Also, Sally, KB7PKJ, was at the meeting and continuing to improve, after hip replacement surgery, as is Bill, W7GBC, after knee replacement. Phil, G4UFH, is doing well and will be going back to England soon. Bud, N7FQR, told the group that his wife Peggy, N7IRW, is doing better after recent surgery to remove a kidney. Also, Emily Charap, xyl of Al, KA7BRT, continues to improve after back surgery.

HINTS & KINKS, TUNING & TRAFFIC: Marilyn, KJ7BN, said she and husband Don, AB7DS, had contacted the South Shetland Islands. Mac, W7MSR, said he had installed an SSB system for 2 meters in his truck and got responses from Othello and Lynwood, WA. Jim, K7YLM, said 10 and 15 are opening up once in awhile and the skip is getting shorter on 40 meters.

USS MISSOURI PETITION: Jim, K7YLM, received a petition to "Moor the Mighty Mo in Puget Sound" which he passed around for signatures.

COOKIES FOR MEETING: Thanks go to Marilyn, KJ7BN, and Nora, KC7JME, for providing cookies for tonight's meeting.

RCT CHRISTMAS PARTY: Marilyn, KJ7BN, has made arrangements for the Club to use the Tacid Center for our Christmas Party on Saturday, December 2, from 5:30 PM until 8:00 PM. She asks that members call to let her know what they will be bringing for the potluck. Hot dishes and salads are needed.

CHARLES WRIGHT RUMMAGE SALE: Ralph, KA7FIG, said they had a small turnout to provide security for the Charles Wright Rummage Sale, but were able to do the job. The rummage sale was very successful and the school made in excess of $25,000. For our "tour of duty", the Club will be allowed to use the school's tables without charge for our annual Fleamarket, thus saving us $1500 to $2000.

PUYALLUP FAIR: Kathleen, N0EYK, presented "thank you" certificates to all who helped at the W7DK booth at the Puyallup Fair this year.

TESTING AND CLASSES: Jerry, W7BUN, announced there was testing at the Clubhouse on Monday, November 6, and of the 24 students from the Nov./Tech. class who tested, 20 passed, for a 85% pass rate. He complemented Bill, W7GBC, and Al, KC7DDA, for the great job they are doing teaching these new students. Also, Jerry announced there will be a General Class starting Thursday, December 7, at 6:30 PM at the Clubhouse, for four Thursdays. The class will finish December 28 and the testing is December 30.

SWEEPSTAKES: Jerry, W7BUN, encouraged members to take part in the phone Sweepstakes on the weekend of November 18 and 19 and turn in their logs to the Secretary, Judy, AJ7R. He said that if all members who have HF privileges would make some contacts, even just a fe
would give a good score for the Club.

McCHORD CO-LOCATED CLUB: John, KB8MAU, saic
manager of the former NCO Club at McChord asked hi
invite the Club members to return to their establishmen
Saturday breakfasts. A raise of hands showed that
members were split on their preference of locations betv
Burs and the Club. John also announced there would
MARS meeting Saturday at McChord at 10:00 AM follo
breakfast at 8:30 AM.

NEW MEMBER CERTIFICATE: A New Member Certifi
was issued to Bill, KL7BB.

PROGRAM: Mike, WB7DFQ, in conjunction with
K7TGU, and Al, KC7DDA, presented a most intere
program on repeaters. They had on display a 440 repe
owned by Al, KC7DDA. Mike told the members there
three things needed to establish a repeater. You need
coordinated frequencies, issued through the Wes
Washington Amateur Relay Association. A site is
required, taking into account accessibility and coverage.
course, last but not least, you need the right equipm
radios, a controller, power supply, duplexers, filters, fee
and antennas. He said a repeater costs a minimum of $2
Mike went on to present the workings of a repeater in a
understandable and interesting presentation.

CONTESTING/ANTIQUE WIRELESS GROUP: W
W7WG, and Morel, KC7FCI, through the "miracle of an
technology" presented a taped presentation from
W6NBD. Mac told of an upcoming contest of antique
stations starting Friday, November 10 at 6:00 PM and en
Sunday, November 12. He said Mac, Morel and Worth w
have a home-brew antique radio on the air at the Ant
Radio Station at the RCT clubhouse on 3590 Khz
maximum power 10 watts output. He encouraged an
interested to contact Mac at 858-6468. Morel, who starte
radio in early Hollywood days, said they have a small "c
but things should work fine.

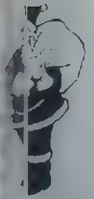
AROWS: Tressie, KC7BAL, announced there would
meeting of the AROWS at the RCT clubhouse
Wednesday, November 15, at 7:00 PM, where plans woul
made for 1996.

TRIBUTE: Carolyn Pasquire, WV7Q, President of the Mi
Key Club and a member of the Radio Club of Tacoma, a
to speak to the group. She said that this past two years
Radio Club of Tacoma has become more personal and vi
in the Northwest. She said this new "presence" is a d
result of the efforts of our President, Jim Kirkreit, and
efforts at opening communications among various Club
this area. Jim thanked Carolyn and the members and sai
is both humbled and honored by her words and that he is
proud of the Radio Club of Tacoma and all of its efforts
past year.

ELECTION RESULTS: Roger, WA7ANJ, Chairman of
Election Committee, announced the results of the elec
We now have a new President for 1996, elected by a ma
of 148 to 110. Mike, WB7DFQ, is the new President.
W7GBC, is our new Vice President. Shirley, N7QHW, is
new Treasurer. And Mike, KI7YB, is our new Secretary.
new Board of Directors is as follows: Chuck, WY7V; Rus
KB7UXK; Ralph, KA7FIG; Alan, KB7SVU; and Jerry, W7E
Roger said we had about the same voting turnout as
National Election yesterday, 48%, with about 250 ba
returned.

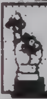
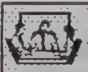
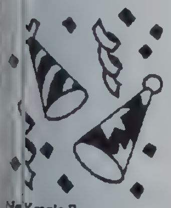
ADJOURNMENT: The meeting was adjourned at 9:10 P

Respectfully submitted,
Judy, AJ7R, Secre
Radio Club of Tac



December 1995

W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1 # ALVE -KA7BRT	2 PINOCHLE/ POTLUCK Clubhouse 7pm X-MAS PARTY - TACID Bldg. - 5:30pm
3 YLLIS NEE '-W7EC B'- N7TLV	4 #Tom'-KE7SW #Joe'-KC7FF #DUSTIN-KC7EFA	5 147.28 NET 7:30 PM ------------------ # LORA -KC7JMN	6 Board Meeting Club House 7:30 pm. #MIKE'-KB7VNT	7	8 #MARGARET-KB7WYK # CHARLIE KC7DCY	9
1	11 # KAREN-KA7GZG	12 147.28 NET 7:30 PM ------------------ #LEN'-KB7NEM #BILL'- W6TRA # CARL- KB7WRC	13 W7DK MEETING Library 112 St. E.& WALLER RD. 7:30pm	14 #KEN'- KB7ZQN #Bill'- KJ7KT	15 # JACK -WA7ENB # MEL -N7FIR #ED'- KC7FLR	16 ARROWS MEETING -Marilyn KJ7BN QTH 11:30am #BOB'WB7QCS #JERRY'W7BUN #KEN'- KB7UXT #STEVEN-KC7AVE #DAN'- KC7CUQ
1 '-W7NP ARD-KD6FEA	18 #Ken'-WB7QNT #Doug'-AJ7Y #Bob'-KC8AZ # RICHARD-KC7DPE	19 147.28 NET 7:30 PM ------------------ MVWS VE TESTS # MARILYN-KB7PCT	20  LOGGER'S BARK *DEADLINE* #BUD'- KC7IBV	21	22 # MARK -KB7PKD **Winter begins**	23 # DAVID-WB7AUJ
2	25 # JOHN -W7MSR #RIC'- N7UFB #JAKE'-KC7GQC Christmas 	26 147.28 NET 7:30 PM ------------------ #ZACK - KC7AZO	27  W7DK MEETING Library 112 St. E.& WALLER RD. 7:30pm	28 #Jack'-K7SRU #BILL'- W7IJ	29 # JAMES- KF7FB # CAROLYN-KC7BTN #INGRID-KC6YCW	30 # FRANK -W7DWW
3  NeYear's Eve						

Happy Birthday!

Coming Events

December 2 - RCT's Christmas Party/Potluck at the TACID Building on 6135 S.19th between Fir
and Tacoma Community College on Mildred. 5:30 - 8 PM - Coordinate with Marilyn, KJ
at 845-8346

December 1-3 - ARRL 160-Meter Contest

December 6 - Board of Directors meeting - 7:30 PM - at the RCT Clubhouse - Members are invite

December 9-10 - ARRL 10-Meter Contest

December 13 - Club Meeting - Library Center - 112th E & Waller Rd. - 7:30 PM - Program: V
DXpedition to Howland Island.

December 16 - Marilyn's Home 11:30 Potluck lunch - all active **AROWS** only

December 27 - Club Meeting - Library Center - 112th E & Waller Rd. - 7:30 PM - Program: Ey
Social To Give Members an Opportunity Greet Each Other.

**December 30 - 10am - All license class exam session - Clubhouse - 1249 S Washington -
registration not required - bring original and copy of license & any CSCE, plus a p
of identification.**

December 31-January 1 - ARRL Straight Key Night (see November QST)

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

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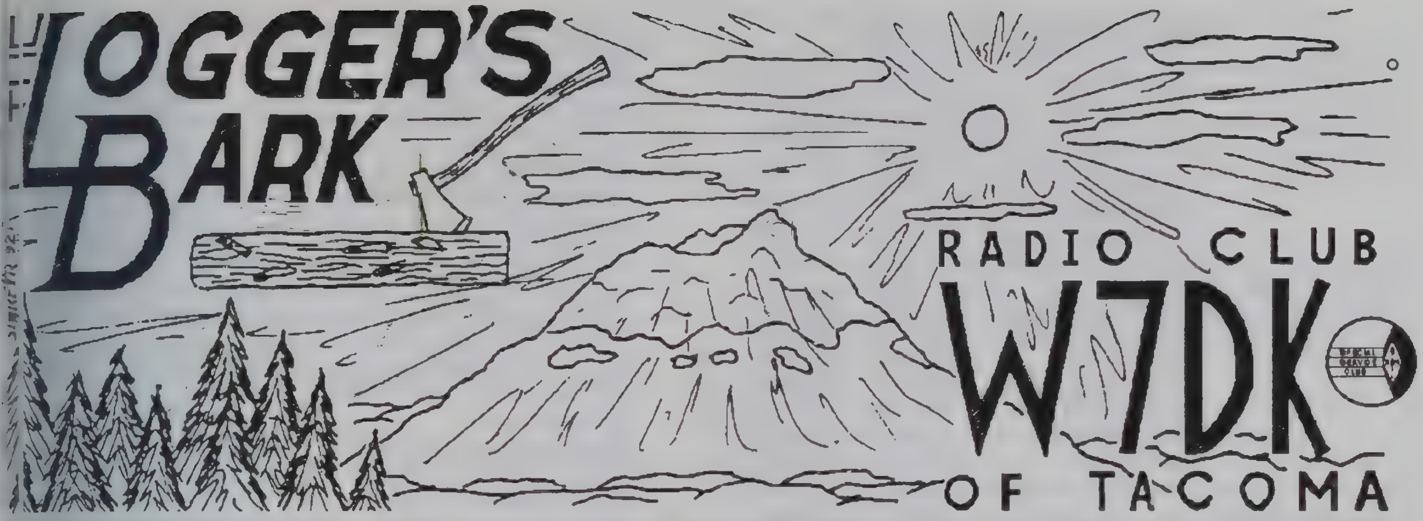

VOL. XXXIII NR.1 W7DK JANUARY 1996

From The President

de Mike WB7DFQ

I hope that this message finds you in good health and spirits, and that Santa brought you the YaeComWood all mode, digital, JT-695-QX with DC to Daylight coverage which you requested for Christmas.

As we prepare for the start of 1996, it is appropriate that we review this past year. Yes I know that we had a few difficult moments of which none of us are proud, but let's put those behind us and instead look at the positive things which we accomplished in 1995. We had DX at the Beach, DK at the Airbase, Field Day and a successful Swap Meet. Then there were those "Very" special events like the Mount St. Helens and Puget Island DXpeditions plus the once in a lifetime Missouri Project. Each of those were well organized and well attended, a real tribute to the members of the Radio Club of Tacoma. We owe a great deal of thanks to all of the participants. Let's not forget the training and testing along with all of the "Elmers" who helped with antennas and radios and packet and ......

Yes the Radio Club accomplished a lot in 1995 and much of the credit goes to our President **Jim Kirkreit K7YLM**. I, for one appreciate his efforts, the results speak volumes. Each one of us should take the time to let him know how we feel about the job he has done.

Yes, 1995 was a great year but let's make 1996 even better! Let's see if we can increase participation in our operating events, expand our training programs, and see if we can help more people get involved in all phases of our activity. At the same time why not try to expand the Club's contribution to amateur radio and the community. Many of you out there have other great ideas so let's hear them! I am already getting excited!

I view the Radio Club of Tacoma as a ship. The owners, that's you the members, determine where it is to go. The crew, that's the officers and the board, have the job of getting it there. So let the crew know were you would like to go. Give them a hand hoisting the anchor and unfurling the sails. Together, we can all embark on our ham radio journey into 1996.

Have a Happy and Prosperous New Year... **-73-**

Volunteer!

de Marilyn, KJ7BN

Have you ever wondered how much it takes to make any group a success? Are you even aware of the effort put forth to encourage your willingness? When help is needed for unfinished projects, do you sit with a look of disdain...not willing to help, just let others do it, yet you are the first to complain? When you come to a meeting do you sit all alone and think that the whole thing's a bore? Well, why don't you let some enthusiasm show by greeting a few at the door. It's not even necessary for you to know a ballun from a mode or you're being able to figure out the mystery of learning Morse code. If problems arise, don't argue or shout, be cool, keep an open mind. Let those who are interested be a big part of the solution that all of you find. Not one of us here is such an expert we can answer every ham's question. Let each of us share our experience and skill and then give them positive direction. So, come and sign up when your help is asked. Be a part of getting jobs done. You'll make lots of friends and help out the Club and, best of all, we'll all have fun.

RADIO CLUB OF TACOMA
Awards Banquet

Saturday, February 10, 1996

Tacoma Elks
1965 S Union

For further details...
announcements at RCT meetings and nets

Tickets available at meetings

For reservations call or see
Brian Spindor KA7KUZ
360/769-9297

RADIO CLUB OF TACOMA – 1996

PRESIDENT	MIKE CRAWFORD	WB7DFQ	531-4789
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
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TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
BOARD (5)	RUSSELL FOSTER	KB7UXK	473-6614
	RALPH FULLER	KA7FIG	582-5841
	CHARLES HICKS	WY7V	535-3696
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COMPOSITOR	"NICK" OLSON	N7BCV	536-8940
PUBLISHER	W7DK PRESS	N7QHW	265-3661

****

CLUB MEETINGS: 7:30 pm

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206 / 759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Mail all articles to Ralph Fuller, KA7FIG, 8208 Southway SW, Tacoma WA 98498. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK / Radio Club of Tacoma

147.88 / .28 MHz	144.97 - Packet
147.98 / .38 MHz (pl 103.5)	441.00 - Packet

New Members

Robin Pradel, KC7KXF RCT #
24826 16th Ave S
Des Moines, WA 98198 824-26

Susan Cox RCT #
2923 N 16th St
Tacoma, WA 98406-7001 759-21

John English RCT #
2923 N 16th St
Tacoma, WA 98406-7001 759-21

Bill Olson, WA7YNP RCT #
910 187th Ave E
Sumner, WA 98390 862-41

A.J. Terranova, Call Pending RCT #
3505 185th St E
Tacoma, WA 98446-6005 846-96

Edwin Root, Call Pending RCT #
10502 Crescent Valley Dr NW
Gig Harbor, WA 98332 851-74

Reinstatement

Gordon Iverson, N7TEW RCT #
3710 N Adams St
Tacoma, WA 98407 752-22

Address/Phone Changes

Larry Martin, KD6TKY 964-85

Brian Spindor, KA7KUZ
Jonmarie Spindor, KC7DKH
POB 1692
Port Orchard, WA 98366-0177 360/769

Val Eidsmore
10723 109th St SW Apt 3
Tacoma, WA 98498-1511 # Unkn

Kurte Jansson, KC7LGM
POB 875082
Wasilla, AK 99687-5082

George Smith, KL7GRL
4007 66th St NW
Gig Harbor, WA 98335-8311 # Unkn

Andrew Yates, KB7YTL
POB 42432
Tacoma, WA 98442-0432 # Unkn

Eric Thompson, N7IXO
Margaret Thompson, KB7WYK 864-91

Silent Keys

Ev Syverson, W7CZK
Bob Reistoffer, KB7TL
John Reynolds, W7OFK

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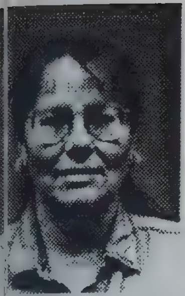
Send all new / renewal subscriptions for the *Logger's Ba*

Shirley Murphy, N7QHW
161 Maple Lane NW / Raft Island
Gig Harbor, WA 98335-5949

Subscription fees are $7.00 each year. Check your ac
label to see when your subscription expires. Names
removed from the mailing list upon expiration so renew

Address Changes

If you change your address, please notify the
immediately. The Post Office will not forward your *Lo*
Bark, but instead returns it with $.50 postage due.
members who notify the Post Office they will be "temp
away" will have their *Barks* returned to the Club. Each
as many as 6 to 10 *Barks* are returned; members do
their *Barks* and the club loses about $50 a year. Call
W7RGD, 627-0922, or Jerry, W7BUN, 845-7652, to
any changes in address, phone number, or callsign.
you!



Thoughts From Your New Editor

de Kathleen, NØEYK

With the February issue of the *BARK*, I will be taking over the job of editor from Ralph, KA7FIG. I appreciate all the time and effort he and Nick, N7BCV, and other staff members and helpers have put into the *BARK* over the past 3 years. I will do my best to continue to improve our newsletter.

As I have been thinking about what is expected of an ecor, I looked up the word **EDIT** in the dictionary.

EDIT: 1. To prepare for publication, as by adapting or correcting,

2. To prepare an edition of,
3. To put together parts of by cutting, combining, and splicing,
4. To delete.

I vl probably do things a little differently than others might. I wold like to share my understanding of my responsibilities ar those of the contributors to our newsletter.

My part is - to gather information for the newsletter and to ut that information into readable form. I'll do my best to ccect any obvious spelling or other errors. In some cases I m have to delete some material to make it fit available spce. **I will not knowingly change the content of any arcle.** If I am in doubt about cutting material I will try to cctact the contributor for approval. If I am unsuccessful, I wi have to use my editorial judgment. Information may be sumitted in any form (although electronic submission will be grtly appreciated) as long as it is in good taste and is sied.

Your part is - to provide me with copy in a timely manner (ne change in deadline) if you are submitting information th needs to be in the newsletter. Please recognize that the nesletter editor and the other staff members are doing these o voluntarily and that the newsletter does take a csiderable amount of time. Please be understanding if chnges must be made to submitted material. Please do not sumit articles that cannot be edited if required. If you have ar question or concerns, please share them with me.

I am looking forward to this new enterprise and hope that w can work together to make our newsletter better with each ecion. -73-

eadline For February *Bark*: Jan. 15th

Dues! Dues! Dues! Dues! Dues!

Dues are in arrears if you have not paid by December 3 of each year. Dues can be mailed to the Radio Club of Taoma at PO Box 11188, Tacoma, WA 98411 or pay them inerson at any club meeting to the Club Treasurer.

Also, if you have moved or changed your telephone nuber be sure to notify Dick Ryan, W7RGD, or Shirley Mphy, N7QHW, Treasurer.

Thanks for paying your dues, the club needs your support ar appreciates it very much.

RCT - VE Testing

Beginning February 13, 1996, RCT will be holding mnthly VE testing sessions at 7 PM on the second Tesday of each month at the RCT Clubhouse - 1249 S Wshington St in Tacoma.

For information call Jerry Seligman, W7BUN 845-762

Walk-ins are always welcome

W7DK HF Station

de Brian, KA7KUZ

Well here it is the first of 1996 and I've been neglecting my duties as HF Station Manager. I sold my house in North Tacoma in late October and it seem it's been an endless string of packing and unpacking. JM and I bought a place in Port Orchard near the top of a hill on five acres with plenty of antenna trees. The station is fully assembled and ready (JM would have preferred I attended to a few other duties before assembling the station). I just need to erect antennas sometime between Christmas and New Years. I'm just itching to find out what kind of HF I'll be able to work from this new location.

Well it seems there've been a few changes while I've been gone, namely a new president. I know a lot of you have been thinking that things won't be the same, but stick with me on this gang. Things may not be as easy but we'll just have to work a little harder and speak up more often and louder. I've still got a lot of great things for 1996 and even for 1997. There will be operating events like Mt. St. Helens and Wahkiakum County and Field Day 96 promises to be better than ever before. At the HF station there will be new equipment and plenty of contests to keep things exciting. There're still a lot of great things ahead of us.

Now, turning the subject to Field Day 96, I will be calling a meeting on January 16th at 11:00AM at the clubhouse to begin planning for the event. **If you are planning to run a station (like 20 phone or 40 CW) your presence is requested at this meeting.** We have to find a new location for the event and I'll need to get a committee going on this right away. I also plan to run this slightly differently than years past where incident commanders will make sure that set up, operation, and take down go effectively and smoothly. We've got work ahead of us and we need to start now. I'll see you on the 16th.

January is one of the faster moving contesting months if your looking for a contest to work. New Year's Eve and New Year's Day has straight key night for the old time CW buffs. The first weekend in January is the ARRL RTTY Roundup which is a great way to dust off the green keys or bring out those multi-mode TNCs. The third weekend is the North American QSO Party (phone) and the forth weekend is the CQ World-Wide 160 meter DX contest. I will try to have the Club station open for these contests for those who want to operate.

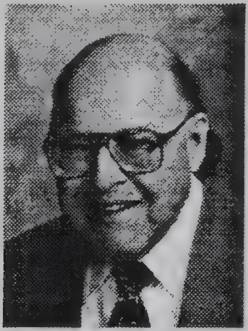
If you're not into contesting, try the DX window on 80 meters. Between 3.790 and 3.800 you will find DX stations calling CQ. Conditions are perfect this time of year for making those low band DX contacts. Keep your ears open on 10 meters at this time of year as sporadic E openings do occur and you can usually make a few South America contacts.

Come on up and make a few contacts on the Club station. The station is open to all amateurs and there is always a control operator available if you want to work outside your license limits. Stick with the HF station - there's still a lot ahead! -73-

MVWS - VE Testing

The Maple Valley Wireless Society will conduct an all License examination the Third Tuesday of each month, and shall begin 7pm, promptly at the Auburn Fire Station located at 1101 "D" Street NE, Auburn WA. Be sure to bring original & a copy of your license and any CSCE plus a piece of identification. For more information on how you might participate, call **Bill, W7GBC**, 584-1086, or **Ralph, KA7FIG**, 582-5841.

Walk-ins are always welcome.



News from ARRL

de Jerry, W7BUN

The long-awaited FCC Form 610V Vanity Call Sign applications have arrived. This form lists the calls desired and other pertinent information. There is also an FCC Form 1070V which tells where to send the application and information about the fees and method of payment. There will be five "gates" or dates when applications can be submitted, depending on class of license or club status. The gates are expected early in 1996, but forms received before the appropriate gate will be disregarded. It appears that desired call signs will be issued in the order that the applications are received, which has many hams planning to hire a courier to hand deliver the forms as soon as a gate opens. Contact W7BUN if you need the forms.

The World Radio Conference (WRC) held in 1995 did not discuss any matters affecting Amateur Radio, but the agenda for the 1999 WRC will debate the current requirement for CW skills in order to operate below 30 MHz. New Zealand has proposed eliminating this requirement. Also, to be brought up in 1999, will be the issue of short wave broadcasters seeking more spectrum below 10 MHz, especially around 4 MHz. The International Amateur Radio Union (IARU) hopes to gain the full 300 KHz for the 40-meter band world wide; this may be difficult with the broadcasters wanting to expand their share of the spectrum. The threat of losing spectrum in the Amateur Radio Service will have the IARU clashing with the Broadcasters to retain the top 200 KHz of the 80/75-meter band.

Sweepstakes 95

de Brian, KA7KUZ

CQ SS...CQ SS...whether you're a brass pounder or a phone operator, this familiar call is heard on the bands for nearly 30 hours during two weekends in November. The event is Sweepstakes and it moves fast. The objective is to make as many contacts with amateurs in the 77 ARRL sections of the United States and Canada (much like field day). Operators must take a six hour break in the contest, limiting actual operating time to 24 hours. To make a valid contact each operator must send a QSO serial number, their call, the last two digits of the year they were licensed, power category (Q=QRP, A=Low Power, B=High Power), and their ARRL section. The final score is determined by multiplying the number of contacts with the number of sections worked.

How did our members do? Check out the following:

Phone

Name	**Call**	**Category**	**Points**
Harry Wong	N7DOE	B	67,876
Brian Spindor	KA7KUZ	A	27,200
Mike Horbul	KI7YB	A	24,522
Don Olson	AB7DS	A	22,326
Les Fries	KA7MYU	A	18,676
Owen Nelson	KB7UXP*	A	17,748
Marilyn Olson	KJ7BN	A	16,316
Bob Hagar	KI7HW	A	15,840
Worth Gurley	W7WG	A	2030
Laura Nelson	KC7CQU	A	1260
Val Baldwin	N7VGO	A	1140

*with Lorna KB7YTJ and Daniel KC7MNY

Total			**214,934**

CW

Name	**Call**	**Category**	**Points**
Alfred Williams	K7PUC	A	46,376
Harry Wong	N7DOE	B	22,176
Joe Pavia	KD7LJ	A	3960
Jerry Seligman	W7BUN	A	3000
Worth Gurley	W7WG	A	2540
Morel Guyot	AB7KA	A	736
Total			78788
Grand Total			**293,722**

Top scores for CW go to Al Williams, K7PUC, for t power category and Harry Wong, N7DOE, for the high category. Top scores for Phone go to Harry Wong, N for the high power category and myself, KA7KUZ, for t power category. The top team, and the only team to s was the Nelson family, consisting of Owen, KB7UXP; KB7YTJ; and Daniel, KC7MNY. Top YL score goes to M Olson, KJ7BN. These are the folks with bragging righ year and the ones to beat next year.

What makes this contest beneficial to the Radio C Tacoma? The scores earned by our members may be together and the total score used to compete against clubs. If our score is any comparison to last year's nu we will score in about the middle of the pack for the m size clubs. Be on the lookout for the May issue of QST the results of the contest are published.

If you're still a little shy about contests this is one easier ones that moves fast with plenty of excitement. great way to learn about contesting and have some fun same time. Next year we will have a team at the Club and I encourage everyone with an HF setup at home to few contacts for the Club aggregate score. Be a p Sweepstakes' 96!

20 Years Ago in the *Bark* - Jan 1976

The new officers elected in December for 1976 are:

President Jack Haworth, WB7AJR
Vice President Len Goodwin, WA7HHI
Secretary Jean Wheeler, WA7OII
Treasurer Jack Moore, WA7ENB

President Jack, WB7AJR, appointed a committ investigate suggested changes in the Club's Consti Suggestions include adding provision for Life Members the Club, and increasing the size of the Board from its p six to eight by including the previous year's president an president.

A letter from Doc Spike, W7OS, announce retirement after fifty-one and a half years of dentistry thanked the many Club members who were amor patients.

The FCC announced it will no longer require proof proficiency or proof of on the air operating time in or renew an amateur license. The FCC is considering a Li operator's license, with only the station license to be re periodically (now 20 years later the FCC is still consi this).

The Club's Christmas party at the Paul Bunyan rest in Puyallup was well attended. The Annual Banq February will be at the same place.

Forward To The Past!

de Worth, W7WG

Chirping our way through the 20th century with antique radio equipment and antique operators.

One day, a couple of years back, Rob, K7TGU, and President Jim, K7YLM, offered to show me the Antique Radio Museum in our RCT clubhouse. I was instantly impressed with the array of old equipment, much of which brought back very pleasant memories. Rob still recalls my becoming enthusiastic over the Hallicrafter SX-28 and my story about using that excellent model radio in 1940/41 trying very hard to hear "subversive stations" through S-9 electric noises, and even harder to stay awake, at 3 AM on the 22nd story of the Custom House as part of my first real job: radio operator for a National Defense Operations monitoring unit of the FCC. in Boston at $1620 per annum.

After I admired an old crystal set, a type 45 tube TNT oscillator with a beautiful copper-tubing plate coil, and a National SW-3 receiver, President Jim suggested, actually lured me along with Mac Parks, W6NBD, to put some of the old equipment on the air. And thus started an almost weekly session in the Museum tinkering and reminiscing.

After the whole second floor of the Clubhouse had been beautifully painted and carpeted by really dedicated members, Rob, K7TGU, and Al, KC7DDA, reorganized the Museum bringing in an antique desk donated by George, W7BHH, and installed fluorescent lights and put up the lovely curtains made by Rob's xyl Kati, KC7DDB. After Rob drilled holes through the windowpane for feed-through insulators, Mac and I, with the help of acrobatic Alan, K7SVU, and other members put up the old-style end-fed half wave Zepp for 80 meters which we had made the old fashioned way, with dowel spacers boiled in paraffin.

We got the old National SW-3 regen. receiver to work...sort of, the 45 oscillator to chirp away, and the Hammarlund HQ 120, a superhet from 1938, to work well enough to make pre-arranged contacts with Hal, W7EC, and Bob, KI7HW, in Puyallup, who followed our chirps up and down the band, and later with Oregon and Montana. On the night of a special Antique Radio contest, however, with an audience in the Museum the oscillator suddenly refused to oscillate in the band. More progress was made when Morel. AB7KA, joined us this summer. We three talked about the old radio days even more and approached our technical chores often like the Three Stooges.

Actually, this story starts over 60 years ago on the shores of Lake Elsinore, California where I moved with my mother and step-father in 1928. About 1931 Mac moved nearby with his family and we biked, shot cans with our 22's, rowed and swam in the lake. One day we decided to make a crystal set which didn't work but we took apart old Atwater Kent three dial radios which had metal horn speakers, much like those in the Museum. Later we discovered that a one-tube oscillating detector radio actually transmitted a signal which we modulated by another radio converted to an audio amp, so we "broadcasted" music from our old windup Victrola as far as Mac's house a half mile away and weakly 5 miles when he moved into town. The depression hit us, we lost our lakeside 22 acres, moved to San Bernardino during my 10th grade 2nd semester, but visited Lake Elsinore for a month that summer of 1934.

In town Mac had found a ham who taught him the code and how to build a simple regenerative detector and audio of two 227A tubes. During that summer visit he taught me the code and helped me build a simple receiver. My mother and I then took the bus across the country to live with my aunt and uncle near Springfield, Mass. during my 11th and 12th grades. Early in 1935 I passed the exam and became W1IWK and sent Mac a QSL card. He sent me the QSL for his new W6NBD station using a 45 in a Hartley oscillator. We worked once, then lost track of each other for about 52 years. (I say that I led a Mac-less life and Mac pursued a Worthless career!)

Mac had gone to Las Vegas, copied press for station KENO, gone into the Signal Corps and became a high speed CW operator handling traffic for the construction of the ALCAN HIGHWAY from Kluane Lake in Yukon Territory. Later he was an operator for the CAA and Globe Wireless, then became an electronic technician for EIMAC and Varian in their research labs for 33 years.

After graduating from High School in 1936 my mother and I had returned to Los Angeles where I became W6ORE and attended Los Angeles Junior College, renamed LA City College. I lived several places, but for the 6 months after returning from 6 months in the CCC I lived with my mother just one block from Morel. That was the only time I was not on the air, so we never met. In 1940 we returned to Massachusetts and I got my FCC job because I had been a ham and could copy 15 wpm. Just after Pearl Harbor I went to work in the engineering department of the receiver division of GE in Bridgeport, Conn. fiddling with radar circuits, and then with GE Radar Field Service in Brooklyn Navy Yard.

After the war I went back to college at the University of Colorado ending up as a teacher in Ouray, Colorado, then in the Army Dependents Schools in Japan and Germany. My ham license was renewed each time I changed addresses even though I didn't become active again until I joined Army MARS in Munich and also became a DL. Later I was active in Air Force MARS in Japan and operated the ham bands with KA calls and again in Germany as a DA2. Upon retirement when our stuff in storage was unpacked I found that old W6NBD QSL card with the one cent postage and found Mac through the callbook after a half century!

While Mac and I were fiddling around on Lake Elsinore, Morel built his first radio, a 3 tube set using 201A's. When he entered LeConte Junior High in Hollywood he learned to become a ham in electric shop classes and became W6LIX. As class valedictorian he talked about Hiram P. Maxim, founder of the ARRL. He started on the air in 1932 with a 210 Hartley oscillator and a 3 tube regenerative receiver, progressing to his homemade rack and panel "California Kilowatt" with a pair of Eimac 100 TH's in the final and a homemade beam while in Hollywood High and Los Angeles Junior (City) College, and working for Bendix, Lockheed, and Douglas.

Morel was called into active duty with the Navy in June 1941, eventually becoming a Navy pilot and worked on many types of radar and airborne early-warning systems. After the war he went to work as a pilot for United Airlines and was so busy that he lost interest in ham radio; however, in 1994 he passed the Novice and 13 wpm tests, then upgraded to Extra shortly after joining the Radio Club of Tacoma.

So, when we antique "Three Stooges" are working on the old equipment built during our younger days, we often do not progress as fast as we might, because each piece of equipment brings up so many memories.

Note: During the second meeting in January we will show slides of the Museum, have a few pieces on display and, hopefully, have an operating antique station - properly chirpy, of course!

Why Learn CW?

de Mike, KB7QOP

Quite possibly the greatest obstacle one must overcome in attempting to master the art of CW is the proper incentive to learn it. To study any subject requires effort, sometimes a great deal of effort, and there is the completely normal tendency to cast a wary eye upon that which requires work. It might be prudent, therefore, to lay out my own philosophy on why learning Morse code should be attempted at all, for it would be a naive expectation to think that everyone shares in the desire to excel at this particular form of communication.

Let me start by saying that the arguments against Morse code, especially those which claim it is out of date and no longer needed, are essentially missing the point. The implied logic of most of these arguments could be applied to the medium of radio itself; why contact anyone via old-fashioned radio communication, when other, more efficient, means exist? If you want to talk to your friend who lives in Israel, using the INTERNET is a much more effective method to go about it than trying to raise him on 20 meter phone. The point is that we are not amateur radio operators because radio is the world's most effective means of communication (though it is, indeed, a very good one) but because we love the *art* of radio communication. There is something special about sitting down at that trusty transceiver, pushing that microphone button or telegraph key, and greeting the world with a signal which, though the classroom might explain it, is still shrouded in mystery and intrigue by our imagination.

I will contend, then, that many amateur radio operators are drawn to radio because it is an art form, and in pursuing this hobby we find ways to explore a wide variety of methods of communication. Some are relatively mundane, others are exotic. All of them, however, appeal to that sense of accomplishment and pride which fuels the inner fire that drives us all to excel. Communicating with CW is simply another form of the same idea, another take on the art. It allows us to reach out across the distant borders of unseen nations, and carry on a conversation with an old acquaintance, or a new friend.

Morse code is also appealing because of its innate simplicity. CW can be sent with any transmitter, no matter how simple in structure or design. It can be understood by people with very poor English skills, or none at all. Anyone can come to learn Morse code, to know the simplicity of its language and to understand it. It is also extremely efficient, compared to other modes. When voice communication breaks down, Morse code can, and often does, get through unhindered. I have experienced this myself: when my friend Harold, KA7MZA, was on a road trip I contacted him on 15 meter SSB while he was in Kansas. While I could hear his signal fairly well, he could not make out what I was saying because of the static on the band. I simply sent to him in CW, and he sent back in voice, and we managed to carry on our conversation unhindered. That is the sort of thing which makes Morse code absolutely invaluable as a tool of communication. Without it, an enjoyable conversation would not have been possible.

Its universal standing and elegant simplicity make CW a very practical tool in the amateur radio operator's arsenal. I believe it should be learned by everyone, because when voice communication breaks down it is almost always an effective back up. More then that, though, Morse code should be learned because it is *fun*. Amateur radio is a hobby and, as such, we pursue it because of the vast enjoyment and pleasure it provides. CW, once actually used, is one
most enjoyable means of communication there is. I
CW when I first started learning it several years ago bu
is my passion in radio. Why? Because I have found
much more enjoyable than SSB communication
because of the simplicity of its form and the general ci
the Morse code operator. CW is about what radio sh
and, in pursuing communication with it, we can all d
again why we earned that license to begin with.

There are many reasons I enjoy Morse code and a
them are touched upon above. Most of you will proba
look at improving your code speed and ability in
upgrading your license, and that is fine. I would urge
take it further, however, and try CW as a me
communication. You will, I am sure, be pleasantly su
I am looking forward to the opportunity to share th
knowledge I have gained on the subject, in the
months, and to help you become a better Morse
operator. I hope you will enjoy the process as much as

RACES/ARES

de Shirley, N7

Mother Nature certainly ga
RACES side of our organiza
workout for December. You kno
they say about learning to swi
jumping in feet first.

First it was the rain and the s
rivers and floods. Bob, KB7NB
new RACES Radio Officer start
with a bang. The Emergency Operations Center (E
opened when an emergency or disaster is occurring
cannot be managed by our normal ready resources.
floods proved to be just that. The EOC was opene
Tuesday morning and operated around the clock
Thursday afternoon.

We in the amateur radio community helped to s
communications between the field and the EOC durir
time. Amateur radio operators monitored levels of w
key locations on rivers and reported those levels to the
approximately every hour. We also helped sandbag
necessary. Throughout all this Bob tried to get some sl
short spurts but it was not easy.

There were lots of new amateurs to Emergency S
events that participated and it was OJT (On The Traini
its best.

Then Bob left town and left Alan, KB7SVU, in charg
what should happen but our windstorm. The EOC
operational once more and again the amateurs were th
handle whatever traffic or damage reports that came in.
was only for about 6-7 hours and Alan did a great jo
thanks for being there. Each Zone also had operationa
for supporting communications.

In the Peninsula or Zone 1, our net was operational for n
the day until about 10:00 PM. We had a net control wh
responsible for collecting any reports from our area anc
communicating them to the EOC. We had one person who
tree fall on his roof and because he reported it and amateur
available, help arrived within a few minutes of the announce
The tree was quickly cut into smaller pieces and the roof cove
minimize rain damage.

In a few words, this is why we have simplex nets each we
each zone, training exercises, public service events wit
discipline, etc. TRAINING is what makes it happen and we ca
get better if we continue to train on a regular basis. Don't jus
up, volunteer and get involved. Don't wait for the phone to ring,
the phone ring instead.

Thanks to everyone who made these efforts successful an
time let it be you receiving the thanks.

RADIO CLUB OF TACOMA
MINUTES FOR REGULAR MEETING
November 22, 1995

The meeting of the Radio Club of Tacoma was called to order by President Jim Kirkreit, K7YLM, at 7:30 PM with 55 members and 7 visitors present. A quorum was present for conducting official business.

MEMBERSHIP: There are 518 members as of this date for 1995.

MINUTES: Previous minutes were available at the front of the room.

TREASURER'S REPORT:

GENERAL FUND CHECKING	736.31
REPEATER FUND CHECKING	1,530.92
PACKET FUND CHECKING	500.00
FLEA MARKET CHECKING	525.00
MONEY MARKET SAVINGS	12,480.28
SCHOLARSHIP WORKING FUND	600.00
SCHOLARSHIP MEMORIAL FUND	2,658.90
CASH ON HAND	0.00
TOTAL ALL ACCOUNTS	$19,031.41

NEW CALLS & UPGRADES: Bob, KB7YTH, upgraded to Tech Plus. Peggy, KC7GZT, upgraded to Tech Plus. K7FAA, Mark, upgraded to General. Roger, WA7ANJ, upgraded to Extra Class. Ray, KC7CBM, upgraded to Advanced and his new call is KJ7SM.

FAIR CERTIFICATES: Jim, K7YLM, reminded members that Kathleen, N0EYK, made a special certificate for each person who helped at the Puyallup Fair. If you haven't received yours yet contact Judy, AJ7R.

HEALTH & WELFARE: Margaret, KB7WYK, is back with us tonight after being in the hospital. Also, Peggy, N7IRW, is continuing to improve after her surgery. Chuck, WY7V, told Jim that he is feeling better. Also, Dick, WA7RAX, told Jim that he is not able to make it out to our meetings, due to poor eyesight. Jim said Dick would appreciate phone calls.

HITS & KINKS, TUNING & TRAFFIC: John, KC7FBE, said he had made contacts with Brazil and Ecuador on 10 meters.

CHRISTMAS PARTY: Marilyn, KJ7BN, announced the Christmas Party is Saturday, December 2, at TACID Center from 5:30 PM to 8:00 PM. She encouraged all members to attend and it is a potluck and we need salads and hot dishes.

RADIO FOR SALE: Jim, K7YLM, had a Panasonic general coverage radio for sale at the front of the room that is from the estate of a silent key. It is for sale for $150.00.

AROWS: Judy, AJ7R, announced that all active AROWS will be meeting at the home of Marilyn, KJ7BN, on Saturday, December 16 at 11:30 AM for a Christmas potluck lunch meeting.

REPEATERS: Mike, WB7DEQ, told the members that we just received new coordinated frequencies for a 440 repeater. The old frequency that we had was taken out of the repeater use band and taken over for packet and the WWARA sent notification of the new frequencies yesterday. Spar Pole Hill is not an acceptable two meter site so they will be doing some testing to see if it's workable for 440. They will also relocate 147.38 and try a couple new sites.

PROGRAM: Jim introduced Alex, W7AZR, a long-term member of the Club, who gave a very informative program on the ease with which one can make home-brew antennas. Jim said Alex has offered to the Club some radio gear, parts, and a lot of tools and equipment to allow members to do some building projects. Alex demonstrated a four element quad made of aluminum water pipe and welding rods for two meters and 440. He said this antenna would also be great for packet radio. He also showed how to make a 7 element 440 yagi and a 4 element 2 meter yagi. Alex said if there are 4 or 5 people who wanted to get together to make an antenna, they could come to his workshop and he'd help them.

LICKEM STICKEM *BARK* PARTY: Shirley, N7QHW, said the next *Bark* Party would be on Friday, December 1 at 10:00 AM at the RCT clubhouse.

ARCS: Shirley, N7QHW, said that, except for searches, ARES/RACES activities are at a low ebb. She said the Pierce County Amateur Radio Communication Services had elected new officers at their last meeting: Chairperson, Candace Plumlee, KB7KJX; Vice-Chairperson, Don Wagoner, KB7SPQ; Secretary, Laura Nelson, KC7CQU; Treasurer, Jan Patterson, N7QHU; Board members: Scott Geisert, N7XTI and Andrew Yates, KC7YTL.

ANTIQUE WIRELESS GROUP: Mac, W6NBD, told the Club there is a national organization called the Antique Radio Club, headquartered in New York, and they had a contest several weeks ago that started on Friday and lasted until Sunday and our Antique Wireless group was able to talk to one of their active stations in Phoenix on 80 meters CW quite well, although we are having some problems with "chirp". He also said Gene, W7BTV, had recently presented the Club with a 6th Edition of the ARRL Handbook from 1929 and it has a full chapter concerning "chirp". This will be very helpful in setting up the W7DK antique station. Also, a man from Bremerton donated another piece of radio equipment but they need some capacitors and bypass capacitors for repairs. Alex, W7AZR, offered some of these parts. Morel, AB7KA, also present to the Club the December copy of World Radio, which had an excellent article and pictures of the WW2END event.

ARTICLES FOR *LOGGER'S BARK*: Ralph, KA7FIG, encouraged more members to submit articles for *the Logger's Bark*. He said he would like to see people like Worth, W7WG; Mac, W6NBD; and Alex, W7AZR write articles so some of the new members in the Club can benefit from their many experiences.

THANKS: Jim, K7YLM, thanked Peggy, KC7GZT, for the cheesecake she brought for the Club tonight.

LICENSE EXAMS: Jerry, W7BUN, told the members there would be a license exams held at the Clubhouse on Saturday, December 30, at 10:00 AM.

CORRESPONDENCE: Judy, AJ7R, read a letter from Frank, KG7HB, who enclosed a letter from Virgil Pattin, W7KNN, who now lives in Yuma, Arizona and working for Weyerhaeuser and he would like to hear from some of the Club members. He said "hi" to the Club.

ADJOURNMENT: The meeting was adjourned at 8:50 PM.

Respectfully submitted, Judy, AJ7R
Secretary, Radio Club of Tacoma

RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES OF December 6, 1995

The Radio Club of Tacoma Board of Directors meeting was called to order at 7:30 PM by President Jim Kirkreit, K7YLM. There were seven Board members and five guests present. A quorum was present for conducting official business.

TREASURER'S REPORT:

GENERAL FUND CHECKING	29.63
REPEATER FUND CHECKING	1,530.92
PACKET FUND CHECKING	500.00
FLEA MARKET CHECKING	525.00
MONEY MARKET SAVINGS	12,480.28
SCHOLARSHIP WORKING FUND	600.00
SCHOLARSHIP MEMORIAL FUND	2,658.90
CASH ON HAND	44.00
TOTAL ALL ACCOUNTS	$18,368.73

SILENT KEYS: Jim, K7YLM, announced there were three silent keys: Everet Syverson, W7CZK; Bob Reistroffer, KB7TL, and a former member Jack Reynolds, W7OFK.

NW DIV. CONVENTION CANCELED: Jim, K7YLM, said he had spoken with Carolyn, WV7Q, President of Mike & Key, and the proposed NW Division Convention joint venture between our two Clubs has been canceled.

CORRESPONDENCE: Judy, AJ7R, said we had received a letter from CQ offering a free magazine subscription with each $200 order from their Ham Radio Gift Ideas catalog, but the Board decided not to participate as the letter reached the Board rather late for Christmas purchases..

We also received correspondence from ICOM regarding a film available to show the Club called the "Next Generation". If the Club decides to view the film, we would then be asked to fill out a questionnaire that would then be submitted to ICOM to make us eligible to enter a drawing where a IC-706 would be awarded to a ham club. The Board decided the Club should view the film.

CORRECTION: Jerry, W7BUN, who was ill and not present at tonight's Board Meeting, asked Judy, AJ7R, to correct the figures given at the November Board Meeting. The profit on the 1995 Fleamarket was actually $4228.18, not the $5000 figure stated.

Jerry also asked Judy to tell the Board that the film the Board voted to purchase at the November Board Meeting, called "Friends For Life", is already owned by the Club.

RCT BBS: Jim, K7YLM, told the Board there was an obscene message on the Club's BBS. A filter is now on the system which prevents transmission of such messages.

DUES NOTICE: Shirley, N7QHW, stated she was sorry she didn't put a dues notice in the December *Logger's Bark* but there will be a notice in the January *Logger's Bark* stating that dues are due.

W7DK INTERNET ADDRESS: Mike, WB7DFQ, said that since we do so much communication amongst our members and because of the available access to the INTERNET, the Club might want to consider having a web page on the worldwide web.

WW2END QSL CARD: Jim, K7YLM, said he recently spoke with Tom, W6QJI, who said the QSL is close to being ready and he would send a sample copy to Jim soon. Tom also said they had talked with the Governor about getting the State to provide money to keep the USS Missouri here in the Northwest.

USS ARIZONA COMMEMORATIVE: Mike, KI7YB, said if anyone wants a certificate to go along with their Missouri QSL card, the people in Arizona are doing the USS Arizona Commemorative Certificate this week through December 7th. They are on 20 meters and the information is on page 116 of QST.

CLASSES AND TESTING: Bill, W7GBC, said they were winding up the Technician Classes. They usually test the technicians at their regular testing session on the 30th of December but, since many of them will be out of town at that time, the Club will offer a special testing session for the class members only at 6:00 PM, Monday, December 18.

The regular testing session will be at 10:00 AM Saturday, December 30. They hope to start the next technician class on January 8. Al, KC7DDA, asked if the set of ARRL films that were previewed for classes had been purchased yet. Bill, W7GBC, said he would check on this.

PROGRAMS: Bill, W7GBC, said the program for the December 13 meeting is a film on a DXpedition to Howland Island. The program for the December 27 meeting with be a social for the Club, where Christmas cookies will be served and we can visit with one another. If it can be arranged he
may at this time show two short films from Kenwoo
ICOM. The program for the second meeting in Janua
be put on by the Antique Wireless Group.

DONATION: Mike, WB7DFQ, said the Club had recei
donation of a GE Master 2 Radio from Herb Posner, KC

440 REPEATER: Mike, WB7DFQ, said he receive
formal certificate granting the new 440 repeater freq
coordinated pair, 440.625 (up 5 MHz.). The Club h
months to put a repeater on the air or it will revert
WWARA for recoordination. They will be taking KC7
repeater up to Spar Pole Hill, temporarily installing
letting the membership access it for 30 days and detern
it's something they want. It will have a PL. Also, Mike
inspecting another site to see if it's workable for our 1
repeater at a yearly fee of $100 per year.

RECOGNITION BOARD: Brian, KA7KUZ, proposed we
some kind of recognition for people who particip
Sweepstakes to encourage participation. There was
discussion about whether a plaque or framed certificate
be appropriate. **Brian, KA7KUZ, made a motion th
start awarding certificates for the top score
Sweepstakes on a yearly basis. Seconded by
WB7DFQ.**

In the discussion, Shirley, N7QHW, suggested
rather than say "certificate", we just say "recognition
then, if a plaque is feasible, we could do a board.

**Brian, KA7KUZ, amended his motion to say the
will recognize the top scorers in Sweepstakes. Sec
by Shirley, N7QHW. MOTION PASSED.**

1996 FIELD DAY: Brian, KA7KUZ, would like to start pla
next year's field day in January. We need to find a s
location and many will be considered. Also, we will
some practice sessions in April or May so we can be
early.

CHARLES WRIGHT RUMMAGE SALE: Ralph, KA7FIG
that since the ladies did so well with their rummage
having made almost $30,000, maybe the Club should
rummage sale in conjunction with the electronics Fleam
Ralph also suggested that we check out the wiring in Ja
instead of August, to make sure that we have suitable
around the building so that power is available to everyon

CLUB CAMERA: Jim, K7YLM, said that Dick, W7RG
him the Club owns a process camera that would allow
make halftone photos which could be used in *the Lo
Bark*.

CW PRACTICE: Wade, WA7OHG, said he has
teaching code to two or three club members. Jim, K
said he is also helping several out with code.

W7DK MUSEUM: Ralph, KA7FIG, expressed his conc
to the safety of our Club Museum. He said he hopes or
soon we could relocate to a secured location due
danger of fire and also to make it more accessible
public.

ADJOURNMENT: The meeting was adjourned at 8:45 F

ATTENDANCE: President Jim, K7YLM; Vice Presider
W7GBC; Secretary Judy, AJ7R. Board Members: S
N7QHW; John, W7MSR; Mike, WB7DFQ; Brian, KA
Guests: Ralph, KA7FIG; Dick, W7RGD; Wade, WA7
Mike, KI7YB; and Al, KC7DDA

Respectfully submitted,

Judy, AJ7R, Sec
Radio Club of Ta

RADIO CLUB OF TACOMA
MINUTES FOR REGULAR MEETING
December 13, 1995

The meeting of the Radio Club of Tacoma was cal
order by Secretary Judy Kirkreit, AJ7R, due to the illn
the President and absence of the Vice President, at 7:

wh 41 members present. A quorum was not present for cducting official business.

MMBERSHIP: There are 516 members as of this date for 1 5.

MNUTES: Previous minutes were available at the front of the rcm.

TEASURER'S REPORT:

GNERAL FUND CHECKING	366.38
RPEATER FUND CHECKING	1,530.92
PCKET FUND CHECKING	500.00
FEA MARKET CHECKING	525.00
MNEY MARKET SAVINGS	12,027.48
SHOLARSHIP WORKING FUND	600.00
SHOLARSHIP MEMORIAL FUND	2,688.53
CSH ON HAND	0.00
TTAL ALL ACCOUNTS	$18,238.31

HALTH & WELFARE: Tom, W7PK, had heart surgery and secuperating. Gene, W7BTV, was in the hospital for a few ds but is home now.

SORM ASSISTANCE: Alan, KB7SVU, announced that he ws contacted at 2:00 PM Tuesday, December 12 to control cerage for the EOC and the volunteers ran nets and reorted power outages and damages from 3:00 PM until 9:00 o.

HITS & KINKS, TUNING & TRAFFIC: Hal, W7EC, told the grup that 17 meters has really been open the past few days ar he's contacted Santa Maria Island, Panama, Tonga, Gantanamo, No.Cook Islands, Paraguay and Konan, among oters. Morel, AB7KA, said he made a 20 meter CW contact wi a Russian up in the Arctica and there was also a 40 CW cctact with LU6Z.

GNERAL CLASS: Jerry, W7BUN, is still trying to put toether a general class so he passed a sign-up sheet around foa possible January class.

61V VANITY CALL FORMS: Jerry, W7BUN, announced we hae finally received the 610V forms from the ARRL. Those inrested should contact him.

PGRAM: Jerry, W7BUN, in introducing the program this evning, gave a little background on DXpeditions. He said Ders collect contacts with countries and, while it's not too dicult to get up to 250, after 300 countries you have to wait fosome rare island to get on the air. You're not considered onthe honor roll until you have confirmed contacts with 310 cntries and there are only about 320 available. Tonight's pgram is on a DXpedition to Howland Island called the "AI1A Saga". Amateur radio operators from six different cntries, as well as two members of the U.S. Fish and Wdlife Service landed on Christmas Island and then traveled 1 0 nautical miles by boat to Howland Island, a U.S. Fish a Wildlife possession. The film documented their many eeriences in landing, establishing 4 HF stations and dumenting over 7000 QSOs daily, and all the difficulties al victories they encountered while on the island and in going off the island. Teamwork and overcoming adversity bame as much a part of the pride of this epic DXpedition as th QSO total.

TANKS: Judy, AJ7R, thanked Peggy, KC7GZT, for suplying the cheesecake for the group.

RTOR PROBLEMS: Danny, KC7CUQ, said we were having sne problems with the antenna rotor at the clubhouse. He ased for some assistance and Alan, KB7SVU, said he would ho.

LGGER'S ENDORSEMENT: Judy, AJ7R, presented a Lger's Endorsement to Jerry, K7ETU. He said tonight's eorsement was a milestone at 750 contacts.

DADLINE FOR *BARK* ARTICLES: Judy, AJ7R, announced th deadline for articles for the January *Logger's Bark* is December 20. Please turn in all articles either to Shirley, N7QHW, or Judy, AJ7R.

ICOM IC-706: Trent, N2OBM, told the group his fiancee, Anna, had gifted him with a new IC-706 and how pleased he was with the radio's many features. Judy, AJ7R, announced that the Club would soon be viewing a film from ICOM on radio demonstrations, behind the scenes at ICOM, and their newest radios, including the new IC-706, after which the Club would be entered in a US-wide drawing where a free IC-706 would be awarded to a ham club.

CHRISTMAS PARTY: Judy, AJ7R, told the group that Jim, K7YLM, sent his "sincere thanks" for the kind words spoken the evening of the party and the lovely plaque awarded him by the ladies of AROWS. The Christmas Party was most enjoyable and was attended by 100 members and their families.

ADJOURNMENT: The meeting was adjourned at 8:45 PM.

Respectfully submitted, Judy Kirkreit, AJ7R
Secretary, Radio Club of Tacoma

Amateur Radio Exams in the Puget Sound Area as of December 23, 1995

1st or 2nd Tuesday - 7 PM - Puyallup Fire Station, 128th St. one block west of Meridian, Puyallup - Contact Mike Horbul, KI7YB, 845-2545. Sessions, Jan 2, Feb 8

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, Kirkland - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 10 AM - North Seattle Comm. College, Rm 3343, 9600 College Way N. - Contact Mike Mitchell, W7WHT, 282-1438, Seattle

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, Kent - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

Beginning Feb 13th...
2nd Tuesday -7:00 PM - Tacoma - RCT Clubhouse - 1249 S Washington St. - contact Jerry Seligman, W7BUN 845-7652

2nd Tuesday - 6:30 PM - Everett - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd & 4th Thursdays - 7:00 PM - Ft. Lewis Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - Tukwila - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - Auburn - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - Ferndale - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - Renton - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - Sultan - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - Montesano High School - Pearsall Center, 2109 Sumner Ave - next session - May 20 - Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - Stanwood - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - Everett - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - Marysville - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4th Saturday - 9:30 AM - Bremerton - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - Olympia - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

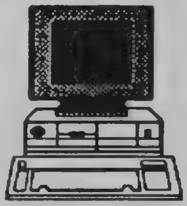
TED'S PHOTOGRAPHY

WEDDINGS & FAMILY PORTRAITS

BY APPOINTMENT
752-8479

TED - KC7CAX

SECOND BYTE
NEW & USED MS-DOS COMPUTERS



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N7ARO

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P.O. Box 3034
Bremerton, WA 98310
(206) 479-2619

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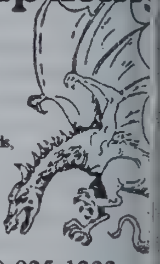

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the
Editor

To Our Compositor

alph, KA7FIG

he Oxford American Dictionary states the ion of Compositor; is one who sets lead type in a nt shop. A compositor may be found in some kwater village mom and pop print shop operation. ompositor **has** taken an old word and shaped it is own meaning. There is nothing old or slow in k Olson's, N7BCV, methods of attacking the with the speed and style of a surgical artist..

most four years ago I asked **President** hen, **N0EYK,** if I could help **Dick, W7RGD,** put he *Bark* as the days between issues were oing longer and then to long. We were trying with oves to help Dick who was immersed deeper rday trying to help his ailing Mom. We played not wanting to hurt Dick's feeling as he had been hief cook and bottle washer for more than 30 ar.

hink Kathleen went to Dick to try to take over the ntil both he and Mom had strengthened their ailing . Dick said in so many words, **"What kept o long getting here."**

the big mouth who volunteered to help with a now was the **Editor.** My long time friend **Nick,** puter guru, said he would do the publishing side, I submit the articles in some form, and God Bless ly **Murphy, N7QHW,** for taking on the stick'm" party that addressed and mailed the e

e paper began to grow. Members were reading minutes. Members wanted to advertise sionally. Members began to ask for, wanted or put in ads to sell their gear. Not only did more ers want to submit articles, they wanted pictures with the program. **Nick** went out and purchased a mercial scanner, with his money, so almost any picture could be used.

idn't make the *Bark* work, Nick did. He used the hich could be easily compressed. Look carefully page and you will see every column fits the or is carried over to another column which fits ge.

is was Nick's paper. He sculpted it from the first o the last and almost every issue of the ***Bark*** ransformed in one night because that's all the had.

e more complicated the Bark became the more he put into shaping the paper. The ARNS, ur Radio News Service, gave the ***Logger's*** an Excellent Award for 1994. The ***Logger's*** ceived was Nick's work and he had no idea what teria might be, let alone the fact that it was sent tional publication for grading.

e 1995 issue I sent to ARNS was the **Mighty VW2END October Issue.** I knew the criteria, I threw out the window, because Nick captured sence of our members in our finest hour. From eginning of his efforts, to the Monument, WA7ASH, Mt. St. Helens fifteenth anniversary, to his last paper, this issue, N7BCV developed the *Bark's* identity and I feel privileged to call him a friend.

THANKS FOR EVERYTHING

Nick Olson, N7BCV, and Ralph Fuller, KA7FIG, began working together on the Logger's Bark some three years ago.

Nick was our computer mentor, teacher, and savior of all the mystical things that occur with computers. He also is a tremendous help for getting to know your software better. I personally have learned more and do more now with my computer and software than I thought possible of me. He even had to teach me how to use my modem.

Ralph had the vision and the perseverance which would not allow any of us to say no, it can't be done. Believe me, I tried. In Ralph's era as the Editor, we went from the Pony Express delivery of articles to almost exclusively doing it by modem. It made Ralph and all of us much happier and gave him more time.

Now we all know the Bark is the result of many persons within the club making it happen but the two people above were the key that turned the lock. They are both taking a well deserved break from doing the Bark. I would like to take this opportunity to say thanks to both Nick and Ralph for all that you have done for the club and also for many of us as individuals. I'm sure the membership joins me in these thanks.

A poet I'm not, but here's my effort for Nick and Ralph.

'Twas the week before publishing,
when all through the house
Not a modem was sending, not even Ralph's;
The telephones were rung by Ralph with fear,
that those articles promised were not in full gear.
Computers were humming with words galore,
While fingers were dancing on keyboards once more.
The proofers are ready, with red pen in command,
For correcting that spelling and grammar by hand.
And out on the lawn arose such a clatter,
Nick sprang from his computer to see what was the matter.
Away to his window he flew in a flash,
Tore open the shutters and threw up the sash.
The moon, on the breast of the new fallen snow,
Gave the lustre of midday to objects below,
When what to Nick's wondering eyes should appear,
But a small motorcycle and Ralph in his gear,
with a little ol' disk, so full and quick,
He knew in a moment, it is meant for Nick.
More rapid than E-Mail his reporters they came,
He whistled and shouted and called them by name;
Now Jim! Now Judy! Now Jerry and Mike!
On Brian! On Ralph! On Michael and Shirley!
To the top of the page or to the top of the bark!
Write away! Write away! Write away all!

THANKS NICK, N7BCV, AND RALPH, KA7FIG

de Shirley, N7QHW

The Salem Repeater
Association & Oregon Coast
Emergency Repeater
Association, Inc. PROUDLY
PRESENT THE...

1996
SALEM HAMFAIR
AND
COMPUTER/ELECTRONIC SWAPMEE
*** SATURDAY FEBRUARY 17 ***
POLK COUNTY FAIRGROUNDS

West of Salem Where Highway 22 meets Highway 99W at Rickreall
Doors open at 9:00 a.m
Hourly drawings with GRAND Prize drawing at 3:00 p.m.

GRAND PRIZE DRAWING: ICOM 706

(ALL MODE - 50 MHz, 144 MHz and all HF Bands; Donated by Amateur Radio Supply)

COUNTRY STORE *to sell your gear; and* **VE Testing** *provided by the Salem ARC.*
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PRE-REGISTER *by February 10, and receive entry badges and door prize tickets by retur mail. Registrations received February 11, or later will be held for pick-up at the door. Registration post marked by February 2nd will receive an extra door prize ticket with each entry ticket. Anyone years or older must be registered to enter the hamfair.*

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HURRY! Swap Tables sold-out last year...

Yes, I'd like to be part of the **SALEM HAMFAIR**. *Enclosed is $*______
for ________ *registrations at $6.00 each ($7.00 at the door).*
and ________ *swap tables at $13.00 each ($15.00 w/power).*
Self-contained RV camping for ______ *nights at $8.00 per night.*
Swap table participants must register. Make checks payable to **Salem Repeater Assn**

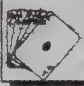
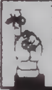
Name ______________________ *Callsign* __________
Address ______________________ *Phone (___)* __________
City ______________ *State* ______ *Zip* __________

Mail by February 2, 1996, and receive an extra door prize ticket with each admission. For Pre-registration questions, Call Evan Burroughs, N7IFJ, at 1-503-585-5924. To Pre-register for VE testing call Sandy Berry, N7TQQ at 1-503-588-7685.

c:\ava2\sraflyr3.ava

January 1996

W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 *New Year's Day*	2 147.28 NET 7:30 PM # JOHN -N6FUS #MAC'-W7FAB # DALE -N7TEO	3 Board Meeting Club House 7:30 pm.	4 # JULIAN-W7DXI #TRENT' N2OBM	5 # TOM'-WV7V # LEE -N7QWG	6  PINOCHLE/ POTLUCK Clubhouse 7pm
TEPHEN-KC7KAQ	8	9 147.28 NET 7:30 PM #DON'-K7LMN # BRIAN-KA7KUZ	10 W7DK MEETING Library 112 St. E.& WALLER RD. 7:30pm # LAURA CALEY # DEANNA-N7WHC	11 # DON - N7AEJ	12	13 ARROWS MEETING Potluck @Peggy-N7IRW's
4 AY -W7KFN D'-KA7HZH HUCK-WB7WOU	15 *Martin Luther King, Jr.*	16 147.28 NET 7:30 PM MVWS VE TESTS # PHIL -N7QIC	17 ARES/RACES MEETING -TACID 7:00pm #MARV'-KG7V #WILL'-WA9RMK # JOHN -W7ZMZ	18	19	20  LOGGER'S BARK *DEADLINE* # JULIE-KB7UFR ARRL VHF Sweep...
1 AL'-WA7DUK ARRL VHF Sweepstakes contest	22 # LOUIS-KC7CQM	23 147.28 NET 7:30 PM # JEAN -WA7OII # PRASAD-N7RGL #BOB'- KB7YTH	24 W7DK MEETING Library 112 St. E.& WALLER RD. 7:30pm	25 # MIKE- KB7QOP # DON - AB7DS # RANDY-KC7AVA	26 # TOM - W6QJI CW WW 160m DX Contest	27
8 OB' -KI7HW W WW 160m DX...	29 # CATHY-KC7ETY	30 147.28 NET 7:30 PM	31 #LES' WB7QCI #DON'- KB7SPQ			

#Happy Birthday!

Coming Events

December 31-January 1 - ARRL Straight Key Night (see November QST)

January 3 - Board of Directors meeting - 7:30 PM - at the RCT Clubhouse - members are welcom

January 10 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - Program: (TBA)

January 13 - AROWS Meeting Peggy, N7IRW's, home at 34115 41st Ave East in Eatonville 12:
Noon

January 20-22 - ARRL January VHF Sweepstakes contest

**January 24 - Club Meeting - Library Center - 112th & Waller Rd. - 7:30 PM - Program: Antiqu
Museum - Worth, W7WG; Mac W6NBD; Morel, AB7KA**

January 26-28 - CQ WW 160-Meter DX Contest

**February 13 - 7 pm - All license class exam session - Clubhouse - 1249 S Washington -
registration not required - bring original and copy of license & any CSCE, plus a p
of identification.**

...and so there ain't nothing more to write about, and I am rotten glad of it, because if I'd a knowed what a trouble
to make a book I wouldn't a tackled it and I ain't agoing to no more. -- Mark Twain

...and the same goes for newsletters. -- Nick Olson

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

ADDRESS CORRECTION REQUESTED

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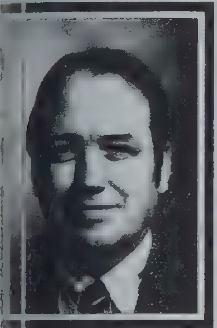
LOGGER'S BARK

RADIO CLUB W7DK OF TACOMA

VOL. XXXIII NR. 2 W7DK FEBRUARY 1996



FROM THE PRESIDENT

Where have we come from and where are we going? Now I don't claim to be a gray haired "old timer" but my interest in amateur radio extends back to the early 50's. At that time CW and AM phone on HF were the big interests with a little RTTY thrown in for good measure. As time went by AM went away, SSB came to the forefront and CW began to decline. The vacuum tube almost disappeared and solid state became the norm. The availability of surplus land mobile gear created an increased interest in FM and repeaters which, in turn, fueled the demand for amateur only FM equipment. The changes went on and on until we got to where we are today.

Now the above isn't intended to be a concise history of amateur radio nor is it even very close. It was intended to illustrate that the only constant in this activity is change and boy has it changed!! As I review these changes, I am left with the nagging question, the activity has changed but has the Radio Club changed at the same pace? Sure we have repeaters and packet along with the more traditional HF station but are we missing something? Should we be doing more? I don't know the answers to these questions so now I am going to ask you the very same questions.

I have asked members of the board to break up into small groups and come up with ideas to address how we might increase participation and better serve the needs of the membership. I would like you, the membership at large, to help out in that process by letting us know how we might better meet your individual needs. At the same time give us any other ideas you might have. Please jot your thoughts and ideas down on a piece of paper and hand it to me or any other member of the board. I can't promise that we will be able to use every item you submit but we will consider each and every one of them.

Remember, this is your club, please participate in the shaping of its future.

73, Mike WB7DFQ

RADIO CLUB OF TACOMA

Awards Banquet
and Installation of Officers

Saturday

February 24, 1996

6:30 PM

Tacoma Elks Club

1965 S. Union

$15 per person

Tickets available at all meetings and Saturdays.

For reservations call or see

Brian Spindor, KA7KUZ

(360)769-9297 or

Shirley Murphy, N7QHW

(206)265-3661

Dues! Dues! Dues!

Dues are in arrears if you have not paid by December 31 of each year. Dues can be mailed to the Radio Club of Tacoma at PO Box 11188, Tacoma, WA 98411 or pay them in person at any club meeting to the Club Treasurer.

Also, if you have moved or changed your phone number, be sure to notify Dick Ryan, W7RGD, or Shirley Murphy, N7QHW, Club Treasurer.

RADIO CLUB OF TACOMA -- 1996

PRESIDENT	MIKE CRAWFORD	WB7DFQ	531-4789
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
SECRETARY	MIKE HORBUL	KI7YB	845-2545
TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
BOARD (5)	RUSSELL FOSTER	KB7UXK	473-6614
	RALPH FULLER	KA7FIG	582-5841
	CHARLES HICKS	WY7V	535-3696
	ALAN HUGHES	KB7SVU	840-4947
	JERRY SELIGMAN	W7BUN	845-7652
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	MIKE TREIT	KB7QOP	549-2399
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PUBLISHER	W7DK PRESS	N7QHW	265-3661

◆ ◆ ◆

CLUB MEETINGS: 7:30 pm

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206 / 759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Modem or mail all articles to Kathleen Nace, N0EYK, 2812 204th Ave.Ct.E., Sumner, WA 98390. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma
147.88 / .28 MHz 144.97 - Packet
147.98 / .38 MHz (pl 103.5) 441.00 - Packet

New Members

Bruce Carpenter, KA7LYC RCT #1881
15004 30 Ave Ct E
Tacoma, WA 98446 206-535-0110

Ron J Daniels, KC7ODV RCT #1882
2322 7th St
Bremerton, WA 98312-3930 360-373-4660

Dick L Huddleston, KB8NPN RCT #1883
3627 S Mason
Tacoma, WA 98409 206-272-8520

Scott Major, Call Pending RCT #1884
14414 133rd St Ct E
Orting, WA 98360 770-9467

Bud Jones, WA7ASH RCT #1880
89 Gun Club Rd
Independence, OR 97351 503-838-5931

John Campbell RCT #1885
1954 Tacoma Ave S
Tacoma, WA 98402 383-3642 Message phone

Lawrence R Hawk, KC7OKL RCT #1886
6040 S Huson
Tacoma, WA 98409 474-3726

Anna Raff, KB0UGW RCT #1887
5823 73rd Ave W
Tacoma, WA 98467 564-2406

Reinstatement

James Wraalstad, WQ7H RCT #1228
15003 87th Ave NE
Bothell, WA 98011 206-485-0647

Address/Phone Changes

Carl David,KB7WRC
2909 S "C" St
Tacoma, WA 98402-2711 Phone Unknown

R. Prasad Kollu, N7RGL
409 28th Ave SE
Puyallup, WA 98374

Chandler Ellis, KC7EYZ
9419 Waller Rd E
Tacoma, WA 98446

Henry Heritage, NK7E
PO Box 111293
Tacoma, WA 98411 Phone Same

Richard Watson, KD4VOM
2708 295th St S
Roy, WA 98580-9601 Phone Unknown

NEW CALLS

Susan Cox, KC7OQX	RCT #1875
John English, KC7OQW	RCT #1876
A.J. Terranova,KC7OKV	RCT #1878

Silent Key report on page 10.

◊W7DK HF Station◊

Here it is, February already and Field Day is only 5 months away. I've been looking out my window and I keep asking myself "I wonder if it will stop raining by Field Day?" I guess you could call this good operating weather or the opportunity to get a few of those radios repaired or projects built. In any event, it's great planning weather and that is just what we need for Field Day 1996.

W7DK met on January 13th at the clubhouse to discuss Field Day. Last year I took on the position of chairman for Field Day 1996 and I have recently asked Mike Triet, KB7QOP and Mike Compton, KB7ZDR to co-chair this event with me. Mike, KB7ZDR, will be handling all the technical aspects of getting antennas up, radios on the air, and making things work. Mike, KB7QOP, will be handling the contesting aspects. I'll be there to provide the vision and help both of these guys when necessary. One of the things needing immediate attention is to find a new Field Day site. Dan, N7QWH, Ralph, KA7FIG, and Jerry, W7BUN will be looking for the perfect site. The requirements are simple: find a site that is far enough out to be an adventure yet close enough that most of the members can attend. This committee will report back the 1st of April with 5 possible locations.

Field Day will look very different this year because you won't find any one person in charge. Instead there will be 4 or 5 incident commanders who will have specific shifts throughout the whole Field Day event. All problems will be forwarded to the incident commander on duty and that person will shift resources and manpower to get the problem solved. This year we'll also have a command center where you can go and always get help. Additionally, we will have an operator on a 2 meter simplex frequency who will relay traffic if you can't come down to the command center. This year you will find more team effort getting the stations up, contesting, and getting the stations down. We'll have teams moving from station to station getting antennas up and radios on the air. Gone will be the concept of "Get my station on the air and forget the other guy!"

Here's where you come in: **Volunteer to be a part of Field Day**. We still need operators, people skilled in raising and lowering antennas, and a whole host of other skills. If you don't have any of these skills yet, don't worry! We will meet again in April to lay out the site and in May we will meet to test out equipment and brush up on those operator skills **Your services and expertise are needed at Field Day!**

If Field Day isn't your thing, there's still more to come that you may like to get involved in. In May W7DK will go to Mt. St. Helens to operate and enjoy some camaraderie with our fellow hams. (This will likewise serve as excellent training and preparation for Field Day.) Sometime mid-July I will be taking a group to the Glacier Waterton Hamfest in Montana. We'll set up and operate at the Hamfest and take a few side trips to Glacier National Park. This is some of the prettiest country I've ever seen and I recommend you come along and make summer vacation plans for this one.

After the Glacier Waterton Hamfest I'll lead a few hardy and adventurous souls north to the Northwest Territories to scout for a 1997 Field Day site. Yeah you heard me right, in 1997 the sunspot cycle will be climbing (good propagation) and the Northwest Territories is a highly sought after multiplier (a chance to be on the other side of a pileup!). I'll need a committee of volunteers to make this one work. If you're interested please see me; we need to start planning now.

Some bad news for the club station; it seems the antenna rotor is not working. For now I'd like to ask that the antenna not be moved until we can get it repaired. The antenna is pointing due east so you can still make plenty of those stateside contacts. Sorry, contesting will be out until the rotor is fixed.

It's a great time to be in the Radio Club of Tacoma and there are still plenty of things happening. Come be a part of the activities or spend a leisurely Saturday morning operating the club station.

PINOCHLE

2 gatherings each month

Pinochle & Potluck - 7PM
1st Saturday of the Month
Ladies Pinochle - 12 Noon
4th Monday of the Month
Both gatherings at the Clubhouse.

Radio Club of Tacoma License Exams

FEBRUARY 13, 1996

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.05. For information call:
Jerry Seligman, W7BUN 845-7652

ARES/RACES

The following article was printed in the January 1996 Field Forum published by ARRL Volume 12 Number 1.

Since we do have those emergencies that require us to be out in the field for long periods of time, I thought this might be helpful as well as timely in view of our last couple of months. Hope you enjoy it.

73 Shirley, N7QHW

PERSONAL PREPAREDNESS FOR EMERGENCY RESPONDERS

By Jerry Boyd, KG6LF, Chief of Police
Director of Emergency Preparedness
City of Martinez, California

Natural and human caused calamities which require an Amateur radio response continue to occur on a frequent basis across the nation and around the world. Several (wildfires in the west and hurricanes along the Gulf and Atlantic seaboards) are unfolding even as this article is being written. The proliferation of cellular telephones, and, increasing sophistication of public safety communication systems not withstanding, it is clear Amateur Radio will have roles to play in emergency communications for years to come.

No one incident in recent history supports that contention more than the tragic bombing of the federal building in Oklahoma City, in early 1995. Though public safety resources responded in great numbers from throughout the United States, accompanied by large quantities of sophisticated communications equipment, Amateur Radio operators were still relied upon for a period of several weeks to provide overall communications support. It is, doubtless, our flexibility in terms of frequencies and modes of communications which speaks against our obsolescence as an emergency communications resource. Our use of such new technology as the Automated Packet Reporting System (APRS) linked by many users to the Global Positioning Satellite System (GPS) makes us an attractive support communications entity.

Much has been written over the years about the need for and desirability of amateurs serving as emergency communicators. Even more has been written concerning the various approaches to establishing agreements and good working relationships with our clients, the types of training we need to ensure success, and how we ought to attire and comport ourselves when responding. Personal experience, along with the input of many other amateurs who have been front-line responders indicate, however, that we do not always perform well in terms of preparing ourselves to overcome the rigors of the events we respond to. The purpose of this article is to address that deficiency, discussing a personal preparedn
system that will see us through our response, minim
the wear-and-tear on us as human beings, contrib
to a better overall operation, and hasten our full rec
ery from the effects of a tragic incident.

Personal Preparedness

Certainly, none of us can pre
exactly where or when the next calamity
occur, what type it will be, whether we will
called to serve, and if so, for how long
under what conditions. How then do
prepare personally to meet the unkno
challenges which lie ahead. Public saf
professionals are taught that certain "lifest
approaches" will significantly benefit th
in terms of alertness, stamina and tolerar
for less than ideal working conditions, rega
less of the type. I believe we can learn fr
them. Consistent proper diet, regular aerobic exerc
such as walking or bicycling, and an adequate amo
of sleep on a daily basis, are important steps we
all take to prepare for those hours or even days wh
normality is interrupted by catastrophe.

In addition to physical preparation, the ne
exists to prepare psychologically for what we may
day face. Participating in realistic training exercis
which utilize actual video footage of the carnage
may expect to see in real life is one means of th
preparing. Talking about one's reactions to what
seen with a post-traumatic stress counselor in a sm
group setting with other responders is good "pre-ev
therapy;" and, by the way, participating in post-ev
counseling following a response to a real time incid
makes very good sense as well. Realizing that y
reactions to terrible, unsettling, and often viol
events are "normal" is very helpful both in prepar
for and dealing with tragedies at the time and after
fact.

Response Kits

It is becoming very common for amateurs
respond to major calamities far from their residenc
and normal base of operations. In such respons
there is no fall-back to the comforts of home until on
participation is complete. While the Salvation Arr
Red Cross and local residents who want to be help
will readily supply emergency workers (includi
amateurs) with some hygienic necessities, the wait
these to arrive can often be uncomfortable. A sm
backpack-sized response kit always at the ready a
carried along when responding will make a
difference in terms of the responder's comfort.

What should a good, relatively small, li
weight response kit contain? Certainly, prope
designed, it can carry the transceivers, batteri
cables, earphones, microphones, etc., which are
"tools of our response." That component, however,
grist for an article on another day. What it must a

cntain are items designed for our physical survival ad personal comfort.

Prsonal Survival Kit

Disaster preparedness experts advocate a 72-hur supply of food, water and medicine, on the theory (roven correct) that it may take up to three days to tnsport such essentials into a stricken area. For daster service workers, such as ARES personnel, a oe-day (three days is advised by Pierce County Dpartment of Emergency Management) supply of fod and water will suffice. Emergency responders will b the first to be provided access to water and food suffs based upon the fact that emergency responders must be "fueled" if they are to capably assist victims. A oe-day supply of water (in easy to carry/use U.S. Cast Guard-approved packets) along with a one-day rion of high energy, high fiber food bars, in an easy to war "fanny pack" is a good idea. Both are available at marine supply outlets, mountaineering and backpacking stores, and at some drug and hardware stores. Pescription medicine needed should be carried in an aount sufficient for one week. Remember, even if yu have a prescription with you there may not be a parmacy open to fill it. Other "medicines" such as apirin, antacid tablets and protective lotions such as snscreen and insect repellent should also be carried. Sme cash and coins need to be included. Don't count o open banks or functioning ATM machines to convrt your "plastic" into spendable cash. Proper identifiction, including your Amateur Radio license and ARES (for Pierce County, this would be your DEM crd) card should be carried along with a list of important telephone numbers to refer to when calling yur employer or relatives to update them on your satus and determine theirs. Hygiene is important and a toothbrush, toothpaste, comb, shampoo, antiperspirant, and chemical hand wipes should be carried. A flashlight or chemical light stick and a portable AM/FM radio are important, as are extra batteries for them. Extra clothing (including a light jacket, even in the summertime) and some type of head covering are likewise important.

Convenient carrying of the items which comprise your personal survival kit is as important as the contents. In addition to your survival kit you will likely have radio equipment, spare batteries, power cables, an external antenna, and maybe even a computer and TNC to carry in a briefcase or a duffel bag. The ability to strap your survival kit around your waist (in a large fanny pack) or to carry it in a backpack should not be overlooked. The relatively small backpack shown in the photo is large enough to carry every item needed in a personal survival kit, including extra clothing, and deserves your consideration.

Finally, the issue of accessibility of your personal survival kit. It needs to be close at hand at all times, since if it is in one location and you are far removed in another, it does you no good at all. If you travel by motor vehicle most of the time, keep it in the vehicle. If you have a locker at work or school, that may be a good place to store such a kit. And, when you are at home, keep it where you will see it when you rush out the door in route to whatever emergency summons you. Like the commercial for a well known credit card says "Don't leave home without it."

(Note: The author and his wife, Jay KN6BP, are co-authors of When the Big One Hits...A Survival Guide for Amateur Radio Operators, published by World Radio Books, 1993.)

❋ FROM THE BARK 20 YEARS AGO - FEBRUARY 1976 ❋

de W7BUN

The ARRL has released plans for all affiliated clubs to teach classes and recruit new hams. This is in peparation for the 1979 World Radio Convention (WRC). An increase in the amateur population will help keep te present frequencies and perhaps obtain additional spectrum. RCT has 50 signed up for the radio theory cass and 20 for the Novice class. The ARRL has replenished the fund to protect our frequencies at WRC next yar to the tune of $100,000.

The Simulated Emergency Test (SET) coordinated by Joe WA7RWK (now WZ7M) went off well and bought out some areas that needed improvement. RCT President Jack, WB7AJR, has been named transportatn chairman for the upcoming 1977 ARRL Northwestern Division Convention. The ARRL Board of Directors hs approved Seattle as the site for a National Convention in 1980. The FCC has changed the time for amateur lense exams at the Seattle Federal Office Building to 9 AM on Fridays. The FCC requirement for one year of eperience before qualifying to apply for the Amateur Extra class license has ben dropped. The Women's Axiliary is sponsoring a skating party this month followed by a pot luck at the Clubhouse.

WANTED

Collins KWM-2A

transceiver - round emblem

with plug-in relays in good working condition.

Jerry, W7BUN @ 845-7652

WANTED

AEA MM-3

Morse Machine

Contact Jerry, W7BUN @ 845-7652

❖NEWS FROM ARRL❖

de W7BUN

The ARRL has asked the FCC to relax the rules governing spread-spectrum communications. The petition seeks to relax restrictions on spreading sequences and asks for greater flexibility in spreading modulation. Specifically, the League proposes hybrid frequency-hopping and direct sequence emissions and the use of spreading codes not currently allowed. The use of spread-spectrum technique was first approved for Amateur Radio in 1985 for bands above 225 MHz. The League's proposal addresses the changes as necessary to foster SS experimentation in the Amateur Service.

Starting this month, the ARRL Letter will be sent once a month instead of every two weeks. A new weekly version of the Letter will be posted four times a month on the ARRL Home Page on the World Wide Web (http://www.arrl.org) and on America Online, CompuServe, and GEnie.

For those curious about the recent surge in Technician licensees, FCC statistics show that at the end of September 140,264 sport their Technician Plus license. Another 137,226 hold the Technician license.

The FCC has begun mailing notices of upcoming license expirations. These are being sent on a weekly basis to those whose licenses will expire in about 90 days. Along with the notice they are including a Form 610-R, a short form for renewal purposes only. If you need to change an address, name, etc. you will still need to use the regular Form 610. If you have moved and neglected to notify the FCC of an address change, you may not receive the FCC notice. Check your license and be aware of the expiration

Logger's Bark Subscription

Send all new/renewal subscriptions for the *Logger's Bark* to:
Shirley Murphy, N7QHW
161 Maple Lane NW - Raft Island
Gig Harbor WA 98335-5949
Renew early so you won't miss an issue!

Maple Valley Wireless Society
VE TESTING

MVWS will conduct an all license examination the **3rd Tuesday of each month**. Testing begins promptly at 7PM at the Auburn Fire Station located at 1101 'D' Street NE, Auburn WA. Be sure to bring the original and a copy of your license and any CSCE plus a piece of ID. For more information please call
Bill Shimmin, W7GBC, 584-1086 or
Ralph Fuller, KA7FIG, 582-5841.

Amateur Radio Exams

in the Puget Sound Region as of January 15, 19

1st Tuesday - 7 PM - **Puyallup** Fire Station, 128th
one block west of Meridian, Puyallup - Contact M
Horbul, KI7YB, 845-2545. Sessions Oct 3, Nov
Dec 5, Jan 2, Feb 8

1st Thursday - 7 PM - Helen Keller Elementary Sch
13820 108th Ave. NE, **Kirkland** - Contact B
Wood, KF7QF, 481-2361, Bothell

1st Saturday - 1 PM - Boeing Recreation Center - 22
83rd Ave So, **Kent** - Contact Meredith Johns
N7QOA, 277-2220 - Renton

2nd Tuesday - 6:30 PM - **Everett** - Cascade High Sch
- 801 E. Casino Rd - Contact Larry Luchi, W7K
355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Cl
house - Contact Jerry Seligman,W7BUN, 845-765

2nd & 4th Thursdays - 7:00 PM - **Ft. Lewis** Radio Cl
Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 14
Interurban Ave, South - Contact Harry Le
W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - **Auburn** - Fire Station, 1101 D
NE - Contact Dave Barber, K7LHB, 432-1594, Ma
Valley

3rd Saturday - 9:00 AM - **Ferndale** - American Leg
Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 3
0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Good Neighbor Cen
305 S. 43Rd St - Contact Mike Dinkelman, WA7U
854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup C
Highway 2 - Contact Dave Axe, 793-2526, W7A
Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesa**
High School - Pearsall Center, 2109 Sumner Av
next session - May 20 - Contact Nick Bender, NX7
249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Buildin
Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Acti
Center, 6400 36th Ave. West - Contact Dwa
Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - **Marysville** - Library - 4822 Gr
St. - Contact Loren Hole, KK7M, 335-5258, L
Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-1
Technical Bldg, Olympic College - Contact D
Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olym
Center, Room 101 - 222 Columbia North - Contact
John Steele, AA7WX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12
80th Ave East, Puyallup, WA 98373 - Phone: 845-765

Taking on Morse Code

de Mike KB7QOP

It rises before you, dark slathering jaws open in a hideous grin of smug superiority as it defies you to challenge its state of mastery over your soul. You charge forward, but each of your strikes are met with ferocious resistance and apparently insurmountable strength. Wildly, you fight on in an ever increasing crescendo of violent and frustrated action until finally you collapse in a state of exhaustion and gasp out the bitter acknowledgment of your defeat.

If this scene reminds you of your attempts to learn Morse Code, do not fear. Many people, in discussing their lack of progress in learning CW, have expressed their frustrations in ways that have conjured up images in my mind like that above. Often they express frustration at not being able to learn the code quickly and effortlessly, and as a result they find themselves quickly discouraged. Almost universally, however, such individuals have simply made a few mistakes in the learning process. So take heart! Cast aside the plethora of misconceptions and pessimistic commentary that have been indoctrinated into you, and look at Morse Code in a fresh light! It is hardly the terrible monster so many have made it out to be.

To begin to study Morse Code, and to learn the nuances and applications of such a language, one must truly "empty his cup". Knowledge is not helped by misconception and prejudices, so let such things go. For a few moments, anyway, take the time to consider the problem of learning CW from an unbiased viewpoint and try to follow the few simple ideas I am going to set forth.

First, recognize what it is you are trying to learn. Technically, Morse Code is series of long and short tones arranged in sequence to represent the letters, numbers and punctuation of the alphabet. That's it. Very simple and straightforward, really. How hard is it to learn a sequence of sounds designed to represent the letters of the alphabet? I would contend that any human mind which is capable of understanding the English language can come to understand Morse Code, because the two are essentially the same thing! When we say the letter "A" in English we say the sound "ay" (as in *way*). In Morse Code we say "DihDah." While the actual sounds are different, they are still just that: a sound or combination of sounds designed to represent a letter of the alphabet. The point is that Morse Code is not some mysterious and intangible entity that is just too difficult for us mere mortals to learn. It is, in fact, very simple and anyone who is willing to put in the time can master it.

It will, of course, take some effort. No one is going to go from learning the first few letters to passing the Extra class code exam overnight. It is not, despite its simplicity, a necessarily easy feat. But it *is* attainable, for anyone who puts out the small amount of work necessary.

So, where do you start? Forget about printed representations of the Morse Code alphabet. If you have any, throw them away or put them somewhere where you can't get access to them. In my opinion, such devices actually hinder your ability to learn Morse Code. That is because, as it is used in Amateur Radio, Morse Code is a strictly *audible* means of communication. You have to learn CW by how it *sounds* not how it *looks*. This is very important, because many people have seen charted representations of the code and assumed that this is how one learns. Do yourself a huge favor and stick with audible versions of CW only, and you'll start making progress in no time!

Here are my top two recommendations for starting to learn Morse Code. Get either a set of audio tapes or a computer program. I learned CW using the computer program Super Morse, shareware software which is available from the Internet, computer bulletin boards and a wide variety of other places. If you have a PC, I highly recommend this particular piece of software. If, for some reason you can't find it, let me know and I will gladly get you a copy. Audio tapes are another good method, though in my mind not nearly as flexible as a good computer program. Go get one or the other as soon as you decide to learn CW, and start working on the alphabet.

Once you have the right tools, learning the basics is very simple. Set aside some time every day to work on Morse Code. A half hour, broken into two fifteen minute sections is what I used when I was first starting, and as it worked well for me I would recommend you try it. Start trying to learn a few characters at a time and then spend some time mastering those characters. When you can recognize them 90% of the time or better, learn a new one and keep working until you can recognize all of the characters you've learned so far before moving on. Take your time, go slow and you will soon be making rapid progress. Most importantly, enjoy the process! Learning CW is a fun challenge, have a good time with it and your progress will give you the incentive to keep going. That, in the end, is what counts the most.

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AJ7Y

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Tacoma, Washington 98409

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Accountants & Claim Consultants
Stephen B. Bowhey, CPA
NL7LD

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[illegible]
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SUITE 101
FEDERAL WAY, WA 98003

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TACOMA	206 927-7600
24 HR	206 529-7384
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Contact Shirley, N7QHW at 265-3661 for more details.

Editor's Notes

With completion of this article, the February edition of the ***BARK*** will be 'put to bed.' I have enjoyed my first time out as editor of *our* newsletter. I would like to thank Edith Strong, KB7KSY for her part in getting me started in desktop publishing. A big thanks goes to our contributors this month. Almost all items in this month's ***BARK*** were delivered to the editor electronically, making the job of editing much easier. Thanks also to the proof readers.

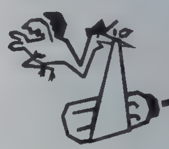
As time goes on I am sure we will have more articles about other Club happenings to include in our newsletter. I would like to see the "Slivers and Splinters" column every month but I will need everyone's help to make it happen. If you know of news tidbits around the Club, please drop me a note in the mail or a Club meetings. Let's get this column active again!

The deadline for the March ***Logger's Bark*** is February 15th. Your promptness in submitting articles is greatly appreciated!

See you next month!
Kathleen, N0EYK

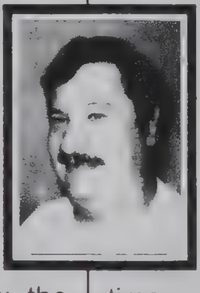
Slivers & Splinters

His granddaughter presented **Jean, KB7SVX** with a 9 lb. great grandson on Monday, January 22 Congratulations Jean and family!



MINUTES

RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
of January 6, 1995



The Radio Club of Tacoma Board of Directors meeting was called to order at 7:00 PM by President Mike Crawford, WB7DFQ. All seven board members and eleven guests were present. representing a quorum. Mike's opening remarks stated that he would follow the formal meeting protocol following an agenda. He requested that all complicated motions be submitted in writing on the Friday before the board meeting so that they could be added to the agenda. He also stated that at the present time several committees remained unfilled, the Public Relations Committee, the Scholarship Committee, the Chairman of the swapmeet, the Advanced Planning Committee and the parliamentarian.

SECRETARY'S REPORT: Minutes of the last board meeting were approved as printed in the Bark. A letter was drafted and signed alerting the postmaster of the new officers who will have access to the postal box. A letter was received from the ARRL requesting any recommendations for instructor of the year.

TREASURER'S REPORT:

GENERAL FUND CHECKING	1,437.77
REPEATER FUND CHECKING	1,515.51
PACKET FUND CHECKING	500.00
FLEA MARKET CHECKING	525.00
MONEY MARKET SAVING	12,027.48
SCHOLARSHIP WORKING FUND	600.00
SCHOLARSHIP MEMORIAL FUND	2,688.53
CASH ON HAND	0.00
TOTAL ALL ACCOUNTS	$ 19,294.29

with 136 pd. 1996 members.

A new signature card is required for the bank funds.

COMMITTEE REPORTS

MEMBERSHIP: Bill, W7GBC reported that we actively pursue new members during the novice/technician classes. Discussion included members that have left, ARRL lists of new hams and what should be the size of the club.

TRAINING: Bill, W7GBC stated that the next Novice/Technician class starts Monday Jan 8th and that the next General class starts on Jan 18th. Jerry, W7BUN said that much interest on sign up sheets has been indicated for a CW class.

EMERGENCY SERVICES: Shirley, N7QHW reported that we would continue to train for emergency services but no formal program is set up at this time. Discussion included promoting more activity by club members in emergency services, the official emergency station and operating it.

NEWSLETTER: Kathleen, NØEYK, our new editor, requested that articles be submitted electronically by the 15th. Jerry, W7BUN requested that we send a letter of gratitude to our past publisher Nick, N7BCV for his past work.

CLUBHOUSE, FIELD DAY, BANQUET: Brian, KA7KUZ with a myriad of comments of the present situation at the clubhouse. The antique wireless antenna is down so it will be addressed over the next couple of weeks in time for the Feb. 1 Classic Radio Exchange. The rotor is not working on the HF station and may be replaced. He has solicited the help of Mike, KB7ZDR to address the problem. Another expedition is being set up for Mt. St. Helens on May 18 providing the government reopens the park. He is also looking for volunteers to man a booth with banner and radio at the Montana Glacier Waterton Hamfest. He is also planning for two groups for Field Day '97, one of which would go to the Northwest Territories to the 60th Parallel Park as an expedition. There is also a possible trip back to Wahkiakum County. The banquet is set for February 10 at the Elk's to be confirmed. The first meeting for Field Day '96 will be Saturday, Jan 13, 11 AM at the clubhouse, committee to form and start on deciding on a location.

REPEATER: Mike, WB7DFQ reported that the 147.38 repeater was removed from Spar Pole and is being remounted in a new cabinet. It is being relocated to Crawford Mountain between Rainier and Tenino within the next week. We have 30 days of testing being allowed by the Dept. of Natural Resources.

REVIEW OF THE BYLAWS AND STANDING RULES
All board members were provided copies of the bylaws and Articles of Incorporation including amendments. Copies of the standing rules will be provided for the next meeting to the board members.

OLD BUSINESS: Shirley, N7QHW made a motion that we have the books audited. This was seconded by Jerry, W7BUN. The motion passed and letters will be drafted asking Ray, W7KFN and Don, K7QLC to audit the books before Mar 1.

NEW BUSINESS: Shirley, N7QHW, seconded by Chuck, WY7V made a motion to buy an additional four drawer file cabinet for storage of old files. The motion passed and Shirley will pick one out and Alan, KB7SVU will help move it to the clubhouse. Alan also said that Boeing surplus also was known to provide goods at no charge to nonprofit organizations. He was asked to check further into it. Jerry, W7BUN requested that money be allocated to purchase a VCR to go with the new television. The motion passed. A motion passed presented by Shirley for changing the signature card to the bank to include the new president, vice president and present and past treasurer's. Also, in order to pay the daily bills a motion by Shirley, N7QHW, seconded by Ralph, KA7FIG was moved and carried. Russell, KC7KCI brought up that at last year's booth at the Mike and Key Hamfest that many people asked about patches and decals. Jerry, W7BUN with Alan, KB7SVU second made a motion that was passed to request a table from Mike and Key ARC to promote the Radio Club of Tacoma.

Discussion was initiated of adding more space at the clubhouse by moving things around, adding a second garage or container, relocating the museum and conditioning the parking lot. Mike, WB7DFQ stated he would appoint a committee to look into what could be done and come back with a long range plan. Jerry, W7BUN reminded us that the deposit was still outstanding for Charles Wright from the last flea market. Alan, KB7SVU said he would look into it and if they could firm up the day for this year's flea market we could roll it over.

GOOD OF THE ORDER: It was the consensus that not enough was being done for new members most of whom are no code Technicians. Recommendations were more activities on the Tuesday night net (including technical talks, traffic handling), code practice on 2 meter simplex, fox hunts, door greeters at meetings, more repeater capabilities along with more packet. Committees were formed to come up with new ideas with Shirley, N7QHW and Jerry, W7BUN on the Tuesday night net, Chuck, WY7V, Alan, KB7SVU and Russell, KB7UXK for new ideas of tech activities. The last group was to promote new members consisting of Bill, W7GBC, Ralph, KA7FIG and Mike, KI7YB.

ADJOURNMENT: The meeting was adjourned at 9 PM.

Attendance: President Mike, WB7DFQ, Vice President Bill, W7GBC, Treasurer Shirley, N7QHW, Secretary Mike, KI7YB. Board member's Russell, KB7UXK, Ralph, KA7FIG, Chuck, WY7V, Alan, KB7SVU and Jerry, W7BUN. Guests Russ, KC7EKI, Bob, KB7YTH, Judy, AJ7R, Dick, W7RGD, Sally, KB7PKJ, Kathleen, N0EYK, Brian, KA7KUZ, Rob, K7TGU and Al, KC7DDA.

Respectfully submitted,

Mike Horbul, KI7YB, Secretary
Radio Club of Tacoma

* * *

SILENT KEY

Walt King, W7ETK RCT #1875

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING MINUTES
of January 10, 1996

The Radio Club of Tacoma meeting was cal to order at 7:31 PM by President Mike Crawfo WB7DFQ.

TREASURER'S REPORT:

GENERAL FUND CHECKING	1,669
REPEATER FUND CHECKING	1,539.
PACKET FUND CHECKING	500.
FLEA MARKET CHECKING	525.
MONEY MARKET SAVING	12,527.
SCHOLARSHIP WORKING FUND	600.
SCHOLARSHIP MEMORIAL FUND	2,688.
CASH ON HAND	0.
TOTAL ALL ACCOUNTS	$ 20,049.

with 171 pd. 1996 members. **1996 DUES** are d Please support your club.

SECRETARY'S REPORT: Minutes of the last regu meeting were available at the front of the room. V received correspondence from Sam, N7SS of a quest from a amateur radio operator in France QSL's from some of our members. Phil, W7PFZ f lowed up after the meeting and graciously said that could contact the members on the list.

HINTS & KINKS, TUNING & TRAFFIC Reports activity on the DX bands from E21 Thailand from To W6QJI and Namibia from Don, AB7DS. There w one other report but there was too much QSB a QRN for me to get clean copy.

HEALTH & WELFARE Jim, K7YLM is recovering fr lung congestion and still has a few more tests t week. We hope it all goes well.

PROGRAM: Bill, W7GBC introduced the program videos. The first was from the ARRL called "Frien Forever", an overview of ham radio. The membe were very attentive. Its amazing how hams never t of listening about themselves. The second video w a promotional tape introducing Kenwood's TS870 w DSP in the IF stage. This was not a club endors ment but we felt it introduced some new technology

GUESTS: Harry, W7JWJ and Mary, W7QGP c ARRL club affiliated coordinators were present. Ha came forward and discussed some local repea issues. He also promoted the CW table at the Mike Key Flea market where hams can obtain speed cert cates or challenge for fastest code operator. T winner of the code competition would receive a lifetir membership in the ARRL. Be prepared and take t challenge, it only starts at 75 WPM.

Tom, W6QJI talked briefly about the status the USS Missouri and the project. QSL cards being mailed at the rate of 150-200 per week. T location of the ship should be determined by April. H ao invited us to participate with the Kitsap Penins a club on the SETI project.

TAINING: Jerry, W7BUN stated the next General css would start Thursday Jan 18.

EERGENCY SERVICES: Shirley, N7QHW made a rquest from ARES for help in the Martin Luther King mrathon on Jan 13.

NWSLETTER: Kathleen, NØEYK our new editor reminded us the deadline is Jan 15 for articles in th Bark.

CUBHOUSE, FIELD DAY, BANQUET: Brian, K7KUZ informed us that the banquet night is **canged to Feb. 24** starting at 6:30 PM, food at 7:30. Te ELK's is located at 1565 S. Union near the clubhuse. Cost is $15 per person.

The HF station rotor is out of commission. The stion still functions but, the rotor is stuck to the east. Aso, the boom mike adaptor and PK-232 manual are mssing from the shack. If you have borrowed or know were they can be found please see to their return.

The first Field Day organizing meeting is Sat Jn 13 at the clubhouse. Everyone needs to attend ad become part of Field Day. Brian has asked Mike, K7ZDR and Mike, KB7QOP to become cochairman fo this important event.

Brian invited all those interested in caravaning tthe Glacier Waterton Hamfest in Montana and to th Northwest Territories 60th Parallel Park to contact hn. Its fun and beautiful; this is the gotta go trip of the yar. A return is planned for Field day '97.

AOWS: The next meeting of the AROWS will be at Fggy's in Eatonville this Saturday at noon. Talk-in on th 147.38 repeater. Bring your favorite snack.

REPEATER: Mike WB7DFQ reported that the 147.38 rpeater is operational at its new location on Crawfd Mountain between Rainier and Tenino. The repater is more directive to the north to cover Pierce cunty. PL tone is not required for this first introducty period on this DNR site. Many thanks to those wo helped make this happen and special thanks to Nke, KB7ZDR , Rob, K7TGU and Al, KC7DDA.

CRTIFICATES: New members Dick Huddleston, K8NPN, Bruce Carpenter ,KA7LYC, Scott Major, Ron Dniels, KC7ODV, and Jim Wraalstad, WQ7H. Logger crtificate's for Lorraine, KA7WGG.

ADJOURNMENT: The meeting was adjourned at 8:35 PM.

Atendance: 73

Respectfully submitted,

Nke Horbul, KI7YB, Secretary
Radio Club of Tacoma

* * *

♦Casual Contesting Can Be Fun ♦

By Harry "Bud" Hovey, WF2B

You don't have to be a "big gun" with an amplifier and monoband beams up 200 feet to enjoy contesting, especially if you are in it just for fun or to increase your country, state, county, or prefix count.

At the peak of the sunspot cycle, you can easily work 100 different countries in a weekend contest—or all states during the ARRL Sweepstakes.

To me, casual contesting means contesting with no intention of achieving a big score. You spend a few hours on the air, but not enough to upset your family.

However, to play even casually, you must learn the basic contest rules: the exchange, what stations you cannot work for points, and when the contest begins and ends. You can find this information in *QST* or *CQ* magazines. Also, you must keep an accurate log—in UTC (Coordinated Universal Time). And you should respect the rights of hams who aren't in the contest.

The Exchange is usually a signal report plus an identifier. The IARU contest, for instance, requires a signal report plus your IARU zone. You might receive 5920, meaning your report is 59 and the station is in Zone 20. Almost everyone sends 59 signal reports (599 on CW).

The log is your only record of the contest. Today's computer logging programs detect "dupes" (stations already worked) automatically.

One key to success is to listen before you leap. If a contest is one you haven't entered before, listen to a few exchanges before you begin. Then you'll be ready to "hunt and pounce." After the other station sends QRZ? or CQ, drop your call in—only once. But always send your full call, unless the other station specifies otherwise. Also watch out for directed CQs. If the guy asks for "threes," don't answer if you're a "four."

If you want cards, be sure you know the proper route. Some stations announce it every so often. Or refer to one of the published lists of QSL routes. You can also try your local DX Packet Cluster. Never waste a contester's time asking for the address on the air.

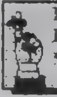
Reprinted in the Dec. 1995 ARNS Bulletin.

Originally printed in the Sept. '94 Troy (New York) ARA

AMATEUR RADIO
Friendships
around the world!

February 1996

W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURD
				1 #BECKY'KC7ETZ	2 # JOHN - K7ASZ	3 PINC POTL Chubb 7pm #KEN'- KA7C #MIKE' KC7IR
4 #DICK'-KB6PWR	5 # JIM -K7YLM # VERNA RYAN	6 147.28 NET 7:30 PM #BILL'- N7TEZ # CAROLYN-WV7Q #RUSS' KC7IBX #WALTER-KB6CKP	7 Board Meeting Club House 7:30 pm. #VAL'- N7VGO #CHRIS'KC7KNN	8 #PHIL'- G4UFH	9 #JOE' -KD7LJ	10 #RICH'-N7AN # KAREN-KC7 WW RTTY W ARRL INTL. I
QRP NOV/TECH ROUD-UP						
11 # DICK-N7MRR WW RTTY WPX ...	12 *Lincoln's Birthday*	13 147.28 NET 7:30 PM # KARYL -N7KWF #STEVE'KC7KWP	14 W7DK MEETING Library 112 St.E.& WALLER RD. 7:30pm # MARK - N7FIT #MIKE'- KM7I Valentine's Day	15  LOGGER'S BARK *DEADLINE*	16	17 A.R.C.W.S. MEETING @ QTH AN KB0UGW # DAN -N7QW #MIKE'-KB7Z
ARRL INTL. DX. Contest CW						
QRP NOV/TECH ROUD-UP						
18 #PETE'- N8PSJ # JOHN - KJ7LW	19 #RON'- N7SWO # OLIVER-W7WIA DONNA HATHAWAY *President's Day*	20 147.28 NET 7:30 PM MWS VE TESTS # MAJOR -N7GSF	21 ARES/RACES MEETING -TACID 7:00pm # PAM - KC7AZV *Ash Wednesday*	22 Washington's Birthday # SALLY-KB7PKJ #TRESS'KC7BAL	23	24 *W7DK ANNUA BANQU* # JOHN -N7JF
					CQ WW 160m DX Contest	
QRP NOV/TECH ROUD-UP						
25 # JERRY-KC7DRE #DAN'- KC7LRD CQ WW 160m DX...	26 LADIES PINOCHLE CLUB HOUSE 12:Noon # PAUL - N7WGV #NORM'-KB7UXM # GUY - KD6RGZ	27 147.28 NET 7:30 PM #BUD' WE7I #LOUIS'KA0SKW # EDWIN ROOT	28 W7DK MEETING Library 112 St.E.& WALLER RD. 7:30pm #BILL'-N7BAA	29		
QRP NOV/TECH ROUD-UP						

# Happy Birthday!

ANNOUNCING THE 15th ANNUAL MIKE AND KEY ARC ELECTRONICS SHOW & FLEAMARKET

MARCH 9, 1996 @ 9AM
PAVILION EXHIBITION HALL
WESTERN WASHINGTON FAIRGROUNDS, PUYALLUP, WA
ADMISSION - $5 (UNDER 16, FREE w/ADULT)

TWO FLOORS WITH 44,000 Sq FEET OF EXHIBITION AREA
TALKIN 146.82/22 (PL 103.5) & 146.58 SIMPLEX
RADIO GEAR * COMPUTERS * CLUB INFO * PARTS
SNACK BAR * FREE PARKING * CONSIGNMENT AREA
OVERNIGHT SC/RV's OK * LICENSE EXAMS
(LICENSE EXAM SESSION @ 11AM, RESERVATION REQUIRED)

TABLE RESERVATION INFO: (206) 854-4031, 6PM-9PM PST (E-MAIL: mwdink@eskimo.com)
LICENSE EXAMINATION SESSION INFO ONLY: (206) 927-7464

CT NAME: ______________________ CALL: __________
NSS NAME (IF ANY): ______________________
SS: ______________________
: ______________ STATE: _______ ZIP: __________
ONE: ( ) ______________ E-MAIL: ______________

DESCRIPTION	$
EXHIBIT / SELLER TABLES @ $17 EACH (8' X 30" - ALL TABLES ARE SOLD AS NOT INCLUDING ANY ADMISSIONS)	
SELLER / HELPER ADMISSIONS @ $5 EACH (WE RESERVE THE RIGHT TO LIMIT THE NUMBER OF HELPERS)	
COMMERCIAL BOOTHS @ $88 EACH (200 SQ FEET, 4 TABLES, INCLUDES 4 ADMISSIONS)	
ADVANCED BUYER ADMISSIONS @ $5 ONORED @ 9AM, SATURDAY - SENT BY RETURN MAIL - NO ORDERS AFTER 02/24/96)	
TOTAL ENCLOSED =	

REGISTRATION TIPS
(TO MAKE IT EASIER FOR YOU AND US)

IF YOU DESIRE TO HAVE YOUR TABLE SITUATED NEXT TO A SPECIFIC PERSON OR GROUP OF PERSONS, YOU MAY WISH TO REGISTER AS A GROUP WITH ONE LETTER CONTAINING ALL THE TABLE REQUESTS. CONFIRMATIONS CAN BE RETURNED SEPARATELY IF DESIRED.

REGISTER EARLY AS TABLES ARE ASSIGNED ON A FIRST COME, FIRST SERVE BASIS AS DETERMINED BY POSTMARK. SPECIFIC LOCATION REQUESTS ARE HONORED ONLY IF THE SPACE IS AVAILABLE.

Please note any location/group requests, special requirements, or additional information below:

____

____

____

SELLER SETUP TIMES
MARCH 8 (FRIDAY) - 2PM TO 8PM
MARCH 9 (SATURDAY) - 5:30AM TO 8:30AM

CHECKS PAYABLE TO: MIKE & KEY ARC, 637 2ND AVE S, KENT, WA 98032 - ALL RESERVATIONS CONFIRMED BY RETURN MAIL

COMING EVENTS

FEB 3 - Pinochle and Potluck - 7 PM - at the Clubhouse

FEB 4 -27 - QRP Novice/Technician Roundup

FEB 7 - Board of Directors meeting - 7:30 PM - at the Clubhouse - all members are invited.

FEB 10 -11 - World Wide RTTY WPX Contest

FEB 10 -17 - ARRL International DX Contest, CW

FEB 13 - License Exams - 7 PM - at the Clubhouse. Call Jerry, W7BUN for information.

FEB 14 - Club Meeting - Library Center - 112th & Waller Rd.
7:30 PM - Program: > To be announced <

FEB 15 - BARK deadline

FEB 17 - AROWS Meeting at the home of Anna Raff, KB0UGW, 5823 73rd Ave. W., Tacoma
Noon Valentine Cookie Exchange

FEB 23-25 - CQ WW 160-Meter DX Contest

FEB 26 - Ladies Pinochle - 12 Noon - at the Clubhouse

FEB 28 - Club Meeting - Library Center - 112th & Waller Rd.
7:30 PM - Program: Slide Presentation 'Old Time Radio Equipment', Harry Lewis,W7JW

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

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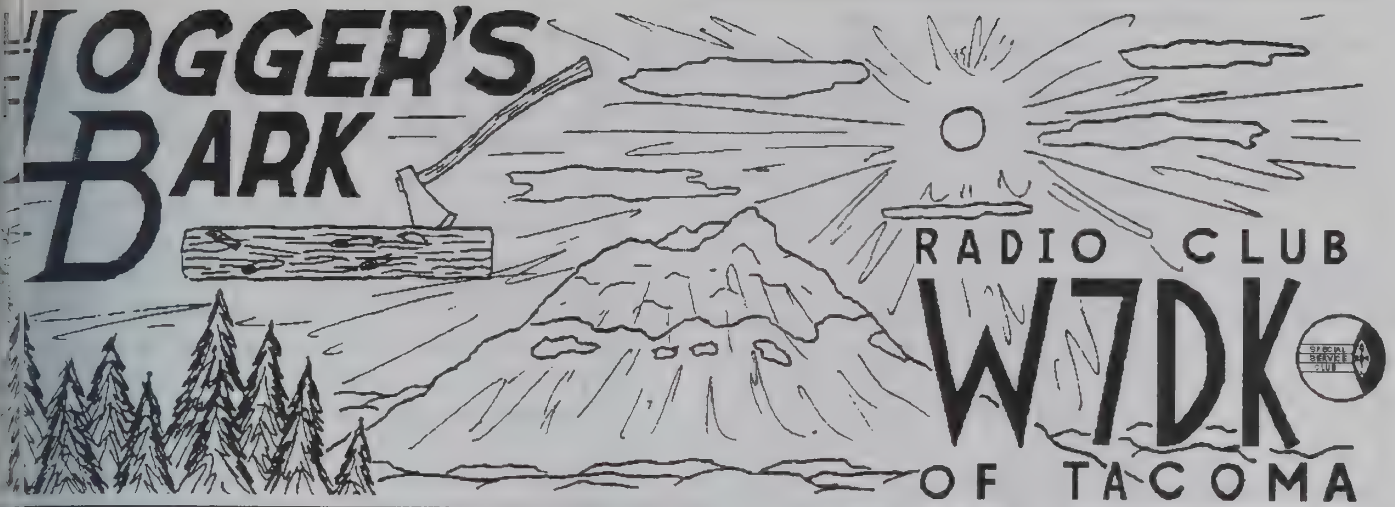
LOGGER'S BARK

RADIO CLUB W7DK OF TACOMA



VL. XXXIII NR. 3 **W7DK** **MARCH 1996**

FROM THE PRESIDENT

WB7DFQ

One evening in October 1916, just 15 short years after Guglielmo Marconi first succeeded in transmitting a radio signal across the Atlantic Ocean, a group of persons with an intense interest in the science of radio came together to form an organization dedicated to the advancement of that science. Th organization was known then, as it is today, as the Ra o Club of Tacoma Inc. and it has been in continuos ope ation since its formation. Yes that's us and we are 80 ears old this year. There is only one other radio club in te country which has been in continuous operation for longer period of time and they were founded in Jun of that same year. Happy Birthday to both of us! In ddition, the Radio Club of Tacoma has been affili-ate with the ARRL for 75 years, an accomplishment tha not many other radio clubs can claim.

To help celebrate these anniversaries we are pla ning on doing some special things this year. Not all of te plans are in place at this time but one thing we are oig to do is sign the club station as **W7DK/80** during our special events. Watch the Bark for the announceme of other special activities.

I would also like to take this opportunity to put in a fev words for the clubhouse open house each Saturday. This is your clubhouse. As members of the Radio Club you own it and a portion of your dues are used to maintain it, so you should come on down and participate in the activity. Our host , Dan, KC7CUQ, gets there each Saturday morning between 8:00 and 9:00 to open up, fix coffee, and welcome you. He keeps the clubhouse open until 2:00 or 3:00 in the afternoon.

If you want to do some technical research, our library has a vast collection of amateur radio publications. The museum has some wonderful examples of early radio gear available for viewing and you might even get to see the antique wireless station in operation. How about some HF operation? You say your license class won't allow that. There will likely be someone there who can serve as control operator and help you get the club station on the air, so give it a try. Maybe you just want to meet some of your fellow amateurs and discuss technical stuff or just have a face to face ragchew. That's available there also. Whatever your interests are you are welcome, so come on down and join your fellow Radio Club members for some fun and fellowship. We look forward to seeing you. 73, Mike

R dio Club of Tacoma License Exams

MARCH 12, 1996

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Br g original and copy of license, any CSCE, photo ID, pe , pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.05. For information call:

Jerry Seligman, W7BUN 845-7652

RED DOT!! RED DOT!! RED DOT !!

A RED DOT on your label means that you have not paid your dues for 1996 and this the LAST issue of the Bark you will receive. Dues can be mailed to the Radio Club of Tacoma at P O Box 11188, Tacoma, WA 98411 or pay them in person at any club meeting to the club Treasurer. The current amount for dues is listed in the left hand column on page two of each issue of the Bark.

Also, if you have moved or changed your telephone number be sure to notify Dick Ryan, W7RGD, or Shirley Murphy, N7QHW, Treasurer.

Thanks for paying your dues.

RADIO CLUB OF TACOMA -- 1996

PRESIDENT	MIKE CRAWFORD	WB7DFQ	531-4789
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	ALAN HUGHES	KB7SVU	840-4947
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PUBLISHER	W7DK PRESS	N7QHW	265-3661

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CLUB MEETINGS: 7:30 pm

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206 / 759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Modem or mail all articles to Kathleen Nace, NØEYK, 2812 204th Ave.Ct.E., Sumner, WA 98390. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.88 / .28 MHz **144.97 - Packet**
147.98 / .38 MHz (pl 103.5) **441.00 - Packet**

New Members

Paul Sullivan, KC7MKL RCT # 18
Merrie Sullivan, KC7IBJ RCT # 18
3318 N Baltimore
Tacoma, WA 98407 752-80

John W Martens, KC7MKK RCT # 18
832 S Hawthorne St
Tacoma, WA 98465-1810 564-91

Duane Perry, KC7OKP RCT# 18
936 N Pearl St Apt J-3
Tacoma, WA 98406 759-2740 or 922-60

Bill Bettyas, KC7OLY RCT# 18
18904 72nd Ave Ct E
Puyallup, WA 98373 847-32

Paul Weiss, KC7FYQ RCT# 18
2504F Bitar Ave
Ft Lewis, WA 98433 964-42

David Rock, KC7OKQ RCT#18
Nicholas(Nick) Rock, KC7OKR RCT#18
1218 Pierce St
Steilacoom, WA 98388-3860 582-76

Address/Phone Changes

Phillip Christilaw, KC7ICA
7514 S I St
Tacoma, WA 98408-4323

Michael Moore, KC7IRX
15619 Peacock Hill Ave NW
Gig Harbor, WA 98332-9234

Frank Schitoskey, KB7RYS
5722 S Verde St
Tacoma, Wa 98409-1734

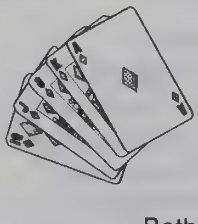
Stef Thordarson, KB7PKF 759-5199
Marilyn Thordarson, KB7PCT

New Calls

John Campbell, KC7OQN	RCT #1885
Scott Major, KC7OKN	RCT #1884
Edwin Root, KC7OKS	RCT #1879

Silent Key

Correction: Walt King, W7ETK RCT #271



PINOCHLE

2 gatherings each month

Pinochle & Potluck - 7PM
1st Saturday of the Month
Ladies Pinochle - 12 Noon
4th Monday of the Month
Both gatherings at the Clubhouse.

ARES/RACES

Things are picking up again as the new year goes on. January brought out the volunteers for the Annual Martin Luther King Marathon. The weather was a little cool and attendance not real high by the runners but we sure did appreciate all the help from the Amateur Radio community for communications.

And we all know what February brought with it. The River Watch program has certainly been brought to the forefront and used a lot this year. Once again the Amateur community was there and on the scene.

One thing all these events do for us is to point out our strengths as well as our weaknesses. The sad part would be if we don't take advantage of these experiences and not only participate in them but then evaluate our part and how we did and use it for learning for the future. I believe that is exactly what Bob Tilley, KB7NBQ, plans to do. So sit up and take notice, **COME TO THE MEETINGS AND TAKE PART.**

The General Membership meetings occur each **THIRD WEDNESDAY OF EACH MONTH** and are held at the **TACID BUILDING.** The meetings begin at **7:30 PM** and each and everyone of you is needed.

Public Service Events are starting for the spring time as well. Some of the events to listen for are Multiple Sclerosis Walk, Daffodil Parade, March of Dimes Walk, the Tour de Pierce and I'm sure more will be announced as time goes on. If you want to help, **CONTACT JUDY LAFLEUR, N7NII at 206-847-5198.** We also count participating in these events as training for the real thing so it is important to be there.

Applications are also available at the RCT meetings by contacting Shirley, N7QHW.

Look for an article in the March issue from our PIERCE COUNTY AMATEUR RADIO COMMUNICATIONS SERVICE Chairperson, Candace Plumlee, KB7KJX. She always does an interesting article so be sure to read it.

73 Shirley, N7QHW

W7DK at the Beach

One of our best educational and training events is again presented by W7DK.

We have reserved all of Owen Beach at Point Defiance Park for Saturday, April 6. The event will be a potluck affair, so please bring your favorite dish. Call Judy, AJ7R, at 927-7825 for suggestions and coordination. Hot-dogs and pop will be furnished.

Think "Antenna Wars"! Bring along your favorite antenna and rig. We will help you put it on the air. We will have lots of prizes too. We're looking for another special presentation from our two time grand prize winner rik, N7CEO. If you put up an antenna, you will receive a certificate. Categories are: VHF, HF, wire, and anything else. A certificate will be awarded for Best of Show and for Greatest DX.

Bring the family. Come out and operate the rigs. Bud, KC7AVT, our Chairman, promises this will be the best ever.

DATE: Saturday, April 6, 1996
TIME: 10:00 am to 4:00 PM
PLACE: Owen Beach at Pt. Defiance Park

See you there! de Jim, K7YLM

Do You Remember When...

de Jim, K7YLM

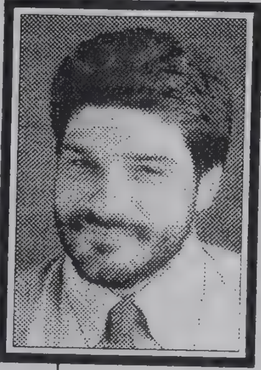
Ralph, W7COP, pitched horseshoes until it got too dark to see outside the DK clubhouse?

Dewy, W7HF, used to invite the whole Club up to his place on Hood Canal?

Ken, WB7QNT, and Eve, WB7QNS, took theory classes in a church basement in Fircrest?

◊W7DK HF STATION◊

I was looking at the calendar the other day and realized that the peak of the contesting season is upon us. The ARRL International DX Contest (phone) is on March 2nd and 3rd and the CQ World Wide Work all Prefixes contest is on March 30th and 31st (phone). Both of these contests bring out the rare contacts. If you're looking to add to your DXCC award or to add a few rare countries to your log, this is the contest to operate. If you are looking to do some serious contesting, both of these contests offer heart pounding paces and cagey tenacity to bust through pile ups on the rare ones. In this article I thought I would spend some time letting you in on some secrets.



Before we get to some of the contesting secrets, you need to know the exchanges and what to look for in the contests. The ARRL DX contest requires you to give a signal report (always 5-9) and your state (in this case it is Washington). Your objective is to work as many DX countries as possible between the hours of 4 p.m. on March 1st (0000 UTC March 2nd) to 4 p.m. on March 3rd (2400 UTC March 3rd). DX countries will give you a signal report and a three digit number representing their power output. On occasion you will find a DX country give you a 5-9-K report. The "K" represents 1000 watts and above. The rules for this contest are in the December 1995 QST and contesting forms are available from the ARRL (see the Dec. 95 issue), myself and Jerry Seligman, W7BUN.

The CQ Work all Prefixes contest is a little more complicated to set up and understand the rules but the exchanges are a lot simpler. Your objective is to work as many different call sign prefixes as possible. For example if you worked JH1AAA, KA7KUZ, HG73UY, and KA7FIG during this contest you would have made four valid contacts and earned three valid multipliers (JH1, KA7, & HG73). A valid exchange for a contact is to send a signal report (again always 5-9) and a serial number (a running total of the number of contacts you've made). Scoring for this contest is complicated and I recommend that you read the rules or consult with me or any other experienced contester. I also see there are some new rules about operators and antennas, which will require further research. Competition-wise, the thing that looks most promising is that the new or inexperienced operators will be in different classifications than the more experienced operators and there will be separate classifications by antenna. The Work all Prefixes contest starts at 4 p.m. March 29th (0000 UTC March 30th) to 4 p.m. March 31st (2400 UTC March 31st). You can only operate a total of 36 hours and any off periods must be a minimum of 1 hour.

Now, you find yourself at the start of the contest and wondering what to do. For the beginner a inexperienced operator, I recommend a technique searching and pouncing. At the start of the contest, t big guns are going to be battling it out for frequen space and they will walk all over a low power inexperienced operator to grab a f quency. Let the big guns slug it out the frequencies while you search a pounce on contacts as you tune acro them. You may not make the sa number of contacts the big guns do b you have a better chance than trying compete with them for a frequenc Most of the big guns will try to establis frequencies on the low end of the ge eral band with more opportunities for y to call CQ up higher on the band When you have worked across the band several time searching and pouncing, try calling CQ up higher on th band. Calling CQ during the ARRL contest will not b as effective, as the DX stations are rarer than the Nor American stations and they can afford to have yo come looking for them, rather than them looking f you. Calling CQ during this contest is more effectiv toward the end of the contest. At that time, many of th contesters have gone off the air and the big guns th are still operating go into search and pounce mode t get the last few contacts. Try calling CQ in the last 5 t 6 hours of the contest. In the Work all Prefixes contes you are on a little bit more even footing with the D stations, so try calling CQ when you can find an ope frequency.

When you come across a contact, try callin the other station by giving your full call sign. When yo give only your last two letters, the other station mus ask for your full call sign, which takes up some of othe person's operating time. If you don't make the contac in three or four attempts, note the frequency and mov on. Spending to much time trying to work a statio wastes your time. If you can't get the station to mak contact with you, stop and listen for a moment. If th station is working mostly east coast stations, you ca bet they've got the beam turned toward the east an they'll never hear you. Make a note of the frequency and move on; chances are the station will be turning the beam to the west as the contest wears on. Another thing to consider is geographics. During last year's ARRL contest, I tried in vain to work Ascension Island (in the mid Atlantic) but couldn't get through. Listening to the pile up, I realized there was a solid wall of east coast stations between me and the contact, drowning out my signal. Take the time to think about the physical factors if you are having difficulty making the contact.

When searching and pouncing one of the most often asked questions is, should one tune up the band or down the band. Most people invariably tune up the bnd because they will start at limit of their operation pvileges and work up. When you find you are followin a wave of others up the band, start working down th band or move up the band 10 khz to get ahead of th wave.

One more thing to keep in mind, is to check oier bands periodically. During the middle of the day, oen times, 15 meters is open and a little less cowded. When it's early morning or late afternoon try 4 meters. Other locations may still be in darkness ad you can pick up a few overlooked contacts. Take t time to change bands periodically and see what's ppening.

I'll try to get the W7DK HF station operating ain (broken rotor) and have the station at least perating for the Work all Prefixes contest. Contesting aW7DK is fun and it's a great learning experience. I'll ake an effort to answer your questions and provide dmonstrations to help anyone get into a contest. For nw, plan on W7DK operation during the Work all Prefixes contest. I'll be passing around a sign up sheet athe March general meetings. One other thing of nte, W7DK needs a contest chairperson. Experience isnot necessary. You just have to have a desire to lern and help others. Please see me if you are inrested.

Come on up and be a part of the HF station. Eeryone is welcome regardless of class of license.

Logger's Certificate

de Shirley, N7QHW

It's been a whole bunch longer than I thought since th article has been in the Bark but with so many new mmbers, it seems appropriate once again to outline thrules for Logger's Contacts.

The Radio Club of Tacoma issues a certificate krwn as the "LOGGER'S CERTIFICATE". This 8x10 diioma style certificate was designed to encourage mmbers of the club to get on the air and get acquinted with other members and also to get other non mmbers interested in joining the Radio Club. The first ceificate was issued in 1957.

To earn a certificate, an amateur radio operator mst work on any amateur band and any mode, 10 Rdio Club of Tacoma members who are a current mmber on the day of the contact. You may count a mmber only once no matter how many times you have wked them on different bands or different modes or uner different call signs. It is always important to not intrupt QSO's to gain contacts but to wait until the QO is finished.

When 10 members have been contacted, list them ona sheet of paper along with your name and call sign. Each contact will need the station's call, name and the date of the contact. Give the completed list to Shirley, N7QHW, or Dick, W7RGD, at club meetings, board meetings or mail them to the RCT PO Box(address on page 2, left column). These will then be submitted to the club for verification and will be presented at a regular club meeting or if not there, by mail. The award is available to any amateur, club member or not. Contacts must be RCT members but not the person submitting them for a Logger Certificate. DX stations only need to contact five(5) club members.

In addition, to the certificate, there are Logger Certificate Endorsement stickers. These are 2x2" stickers with 10 miniature logs imprinted. After obtaining your original certificate, you are ready to work more members to earn the endorsement stickers, using the same procedure, submit your list of 10 members worked and you will receive the stickers to attach to your original certificate or as many have done, frame the endorsement stickers separately.

Each individual submitting lists for certificates or endorsements is responsible for checking and assuring that there are no duplicate contacts and that each contact on the list is indeed a Radio Club of Tacoma member. Remember, there are other radio clubs in the area so it is important that you specify membership as a Radio Club of Tacoma member and not just ask if they are a member of the radio club. It is also important to verify the call of the contact, so ask for phonetics if you are not sure. Dick, W7RGD, Shirley, N7QHW, and Barbara, W7UYL, will do their best to check the submitted lists before certificates or endorsements are issued but it is up to each individual's honor to submit a list that is accurate. In addition, it is helpful if the lists submitted are not for more than 20-30 contacts at a time. If there are errors, duplications, etc., the lists will be returned for your corrections.

Many amateurs have over 100 contacts and a few have as many 600, 700 plus contacts. We wish each of you Happy Hunting and keep those contacts coming.

Happy Hunting
Logger's Certificate

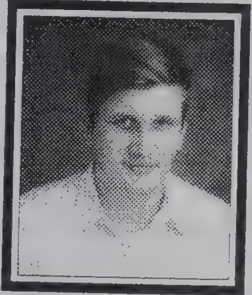
WANTED

Circuit diagram for E.H. Scott receiver
Model SLR-F

John Campbell, KC7OQN
Leave message @ 383-3642

CW: Getting Started

de Mike, KB7QOP



The first step in learning CW is getting a good grasp of the basic Morse alphabet. When just starting out, the large number of characters that must be committed to memory can seem a bit daunting. With time, patience and a little bit of effort, though, learning that alphabet is not nearly as difficult as it might seem.

Last month I mentioned the need to learn Morse code by audible, not visual, methods. Let me stress that again here. If you are trying to learn CW by looking at a printed list of the characters, stop! The only thing that you will accomplish that way is to slow down your rate of learning. To communicate with the code requires the ability to hear a character and mentally translate it into the correct letter. Learning the characters by memorizing a printed chart will never help you to recognize the sounds when you hear them, and without that ability, communication becomes impossible.

Don't worry, though! Learning to recognize the characters by sound is not really all that difficult. Take your audio tapes or your computer program and focus on learning two or three characters. Take your time and keep at it until you can recognize those characters without difficulty. When you are listening to a letter in CW, don't try to count the "dots and dashes" in the letter to figure it out. This is a natural, and bad, habit picked up by people who have tried to learn the code from some sort of printed medium. Instead, listen to the whole sound and try to associate that sound with the letter in question. In other words, when you hear "DihDah" don't think "Ok, that's one Dit and one Dah...that must be an 'A'." Instead, think "Ok, I Dah...that's an 'A'." The difference is that you a dissecting the letter into its individual sounds. W you want to strive for is thinking of each letter as continuous "sound" that your brain will recognize w it hears it.

Keep track of what you have learned. A g way to do this is to write a list of all the char ters you know and keep it handy when practice. Go over that list often and make s you are comfortable with characters you h already learned. This will keep you from gett too focused on new material and forgetting w you had learned already. Keeping such a list also help highlight your progress, and can re increase your confidence and sense of acco plishment.

You should be learning the characters at WPM. This is known as the Farnsworth method learning CW and is, in my opinion, vastly superior learning characters sent at a sluggish 5 WPM. Do panic! 18 WPM is pretty fast for actual CW convers tion, but that isn't what we are talking about. An WPM *character* speed means that the letters, numbe and punctuation are all sent at 18 WPM, and to c crease the overall speed of the code the space b tween the characters is increased. The advantage this is that when you move from 5 WPM code to, sa 10 WPM code you do not have to re-learn what t character sounds like. It will always sound the sam no matter if you are sending at 5, 10 or 18 WP Sending the characters themselves at a really slo speed encourages one to count the individual dits a dahs, a habit that hinders the learning process.

All of this is important information, but it does mean much until you actually sit down and start wor ing. So take a break from your hectic schedule! P your feet up, make yourself comfortable and learn few characters this evening. In no time, you will hav started down the fun and exciting path to masterin Morse Code.

FROM THE BARK 20 YEARS AGO

This article will return next month.

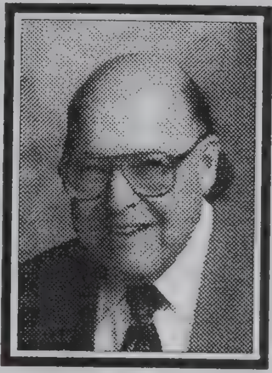
AMATEUR RADIO
Friendships
around the world!

WANTED

AEA MM-3
Morse Machine
Contact Jerry, W7BUN @ 845-7652

❖NEWS FROM ARRL❖

de W7BUN



The FCC will soon be olding hearings on spectrum llocation. The commission ays spectrum issues are arising ontinuously and affect many different radio services, so it has ecided to hear oral presentaons and a direct exchange of ewpoints. The hearings will ddress future spectrum deand and user needs, trends in chnology, and approaches to pectrum allocation and assignment, including licensg and uses. The ARRL hopes to be able to particiate.

The FCC proposes to suspend amateur use of e 76 to 77 GHz portion of the 75.5 to 81 GHz band. he commission says the change will permit development of radar systems that will be used in conjunction th automobile Intelligent Transportation System (TS). Ford Motor Company wants to move amateurs om this segment to avoid any interference problems. eneral Motors Research Corporation says vehicle dar systems would not be adversely affected by ontinued amateur use of the band. Japanese auto akers prefer 60-61 GHz for these systems.

ARRL members are eligible to use the ague's outgoing QSL Bureau, which at $2.00 a ound (about 150 cards) is a considerable saving ompared to sending them individually. The QSL office the ARRL reports they mailed 1,428,850 cards ring 1995. This is approximately 5 tons of member's rds.

If you're interested in receiving code practice the air, listen for Jim, KL7CC, in Anchorage, Alaska 3,575 kHz. Sending speeds are 7, 15, and 22 PM. Jim is on daily at 8 AM, 11 AM, 5 PM, 8 PM, d 11 PM Alaska time (2 hours later than PST). ❋

LOGGER'S BARK SUBSCRIPTION

Please send all new and renewal subscriptions for the *Logger's Bark* to:

Shirley Murphy, N7QHW
161 Maple Lane NW/Raft Island
Gig Harbor, WA 98335-5949

Subscription fees are $7.00 each year. Check your address label to see when your subscription expires. Names will be removed from the mailing list upon expiration so renew early. If you are too far away to join the club but are interested, sign up for a subscription to the *Logger's Bark* at just $7.00 per year.

Amateur Radio Exams

in the Puget Sound Region as of January 15, 1996

1st Tuesday - 7 PM - **Puyallup** Fire Station, 128th St. one block west of Meridian, Puyallup - Contact Mike Horbul, KI7YB, 845-2545.

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, **Kent** - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

2nd Tuesday - 6:30 PM - **Everett** - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clubhouse - Contact Jerry Seligman,W7BUN, 845-7652

2nd & 4th Thursdays - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - **Auburn** - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave - next session - May 20 - Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

ACCIDENT & BODILY INJURY
LAW OFFICES OF
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(206) 471-1000
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AJ7Y

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Your Ad Could Be Here!

Contact Shirley, N7QHW at 265-3661 fo
more details.

The Idea Mill

In the left hand column on page two of the *Logger's Bark* is a list of the Officers and Board Members.

The By-Laws state the role of the Board is to conduct the routine business of RCT. Our President Mike Crawford, WB7DFQ, has been very direct with the Board in assigning fact finding jobs while he has busily been looking to the Membership for Committee Chairpersons and staffing those committees. Several of us are looking for Field Day sites for **Field Day Chairman Brian, KA7KUZ,** who will determine a final site. This duty of finding sites for the Clubs many outside activities is not limited to the Board. We need input form the membership.

Everyone who was a part of **WA7ASH** in the Mt. St. Helen's Monument wants to go back on the anniversary date May 18th which is a Saturday this year. We have asked the Monument Headquarters for an application, but that is just a down payment on an incredible opportunity for every one in the Club. Those of you who join this event will be able to go on the air and make your own contacts. Whether you are brand new to amateur radio or a seasoned veteran, there is a lot to be learned from packing up equipment from the Clubhouse, staging the site, operating or staffing a support group, to just being there for an unbelievable place to play **Radio**.

I have asked our Editor Kathleen, NØEYK, to put my card in this article *(Ed. Note: Sorry, no card this time. Phone number will have to do!)*to make contacting the Board as easy as possible. The routine business is to support and to represent the **Membership**. If you will contact me or my fellow Board Members we will help you get more involved in hands on activities.

We are an equal opportunity operation. We n to staff committees with people who once upon a were confined to menial tasks like cooking. The wor have broken out of the kitchen and demand to **Radio.** What a wonderful resource of talent. Ladies have to develop an attitude of **Can Do!** Then let B know that you are available for committees and staff Those who live in a **Sitzmark** are missing the RCT bo

Because you risk coming out of anonymity ideas remember, there has never been a bad idea. are in the idea business, although not every idea activity can be used in good time. Often a number ideas are combined and make an outstanding progr You risk making the call and we will make sure your id are expressed to the Board.

de Ralph, KA7FIG @ 582-58

* * *

Maple Valley Wireless Society
VE TESTING

MVWS will conduct an all license examination the **3rd Tuesday of each month**. Testing begins promptly at 7 at the Auburn Fire Station located at 1101 'D' Street NE Auburn WA. Be sure to bring the original and a copy o your license and any CSCE plus a piece of ID. For mor information please call
Bill Shimmin, W7GBC, 584-1086 or
Ralph Fuller, KA7FIG, 582-5841.

MINUTES

ADIO CLUB OF TACOMA
INUTES FOR REGULAR MEETING
ecember 27, 1995

The meeting of the Radio Club of Tacoma was alled to order by Vice-President Bill Shimmin, 7GBC, due to the illness of the President, at 7:35 PM ith 57 members and 3 visitors present. A quorum as present for conducting official business.

EMBERSHIP: There are 523 members as of this ate for 1995.

INUTES: Previous minutes were available at the ont of the room.

REASURER'S REPORT:

ENERAL FUND CHECKING	$912.13
EPEATER FUND CHECKING	1,515.51
ACKET FUND CHECKING	500.00
LEA MARKET CHECKING	525.00
ONEY MARKET SAVINGS	12,027.48
CHOLARSHIP WORKING FUND	600.00
CHOLARSHIP MEMORIAL FUND	2,688.53
ASH ON HAND	0.00
OTAL ALL ACCOUNTS	$18,768.65

EALTH & WELFARE: Bill, W7GBC, asked Judy, J7R, to comment on Jim's, K7YLM, illness. Judy plained that tonight he was suffering from a virus and ouldn't attend the meeting. She also explained that he as scheduled for some tests in the near future.

Bill, W7GBC, also said he noticed Sally, KB7PKJ, as in attendance tonight, and was continuing to improve after her hip surgery.

NTS & KINKS, TUNING & TRAFFIC: Bob, N7QOZ aid he was hearing lots of activity on 10 meters. Don, 7QLC, said he contacted Christmas Island last night 20 meters at 1800 PST. Hal, W7EC, said both 17 d 20 meters are wide open. Brian, KA7KUZ, said he ard Spain last weekend on 160 meters.

ROWS: Tressie, KC7BAL, said the next meeting of ROWS would be Saturday, January 13, 1996 at noon the home of Peg, N7IRW.

EPEATERS: Mike, WB7DFQ, said the 147.38 repeater has been working very well. They will be taking off the hill this weekend and working on it at the ubhouse. Then they will install it for some testing on other hill south of here called Crawford Mt. The operty belongs to the State and, because we are an RES supporter, we will get to rent this site for $100 r year. They will put a 440 repeater on Spar Pole Hill r about a month to give everyone an opportunity to e what kind of coverage the Club could get from that cation. Also, they could link 147.28 and the 440 repeater and 147.38 together, using cross-band linking.

LICKEM STICKEM BARK PARTY: Shirley, N7QHW, told the group the Bark Party would be held at the clubhouse this Friday, December 29, at 10:00 AM.

ARCS: Shirley, N7QHW, said ARCS, the Pierce County Amateur Radio Communication Services has been very busy this past month. The Emergency Operations Center located in the Department of Emergency Management office in the basement of the County-City Bldg. was operational around the clock for three days. Amateurs staffed this. Amateurs also staffed river watches and helped with sandbagging, logging upwards of 700-800 hours. Also, the EOC was operational again for 6 hours during our recent windstorm. Bob, KB7NBQ, and Alan, KB7SVU, respectively were in charge of these two operations. John English said a special thanks should go out to those amateurs who were net control operators and who did a fine job. Shirley, N7QHW, said three of these were Eva, WB7QNS; Jo Ann Nadeau, N7VPB and Jan Patterson, N7QHU.

CORRESPONDENCE: Judy, AJ7R, read a thank you from Margaret Syverson for the sympathy card the Club sent her upon the passing of her husband Ev, W7CZK.

Judy also read a letter from the ARRL to Jim Stephens, KB7TZ, thanking Jim and the Club for the article "Local Ham Radio Offers Public Service and Worldwide Friendship", which Jim submitted and which recently appeared in the December 2 issue of the Parkland-Spanaway Post.

VE'S NEEDED: Jerry, W7BUN, said more VE's are needed at the clubhouse this Saturday, December 30, for testing at 10:00 AM.

CLASSES STARTING: Jerry, W7BUN, announced Novice-Tech classes are starting again Monday, January 8, 1996 at the clubhouse at 6:00 PM. Jerry will also start a general course for four consecutive Thursdays, starting January 12. The latest General Class License Manual will be used for the study guide.

COOKIES: Bill thanked all of the ladies for bringing the Christmas cookies to be shared by the group immediately following the meeting tonight.

NEW EDITOR FOR LOGGER'S BARK: Ralph, KA7FIG, as outgoing Editor of the Logger's Bark, introduced Kathleen Nace, N0EYK, as the new Editor of the Bark.

MEMBERSHIP CERTIFICATES: New member certificates were presented to Susan Cox, John English, and AJ Terranova. Certificates were also available for Robin Pradel, KC7KXF; Bud Jones, WA7ASH; Bill Olson, WA7YNP; and Edwin Root.

LOGGER'S ENDORSEMENTS: Logger's endorsements were available for Jerry, K7ETU, and Lorraine, KA7WGG.

PROGRAM: Bill, W7GBC, said that, in lieu of a formal program tonight, we will adjourn to enjoy the cookies made by the ladies and to visit and get acquainted with one another.

UPCOMING PROGRAM: Bill, W7GBC, said Worth, W7WG; Mac, W6NBD; and Morel, AB7KA, will present a program on the Antique Radio Museum at the RCT meeting on Wednesday, January 24, 1996.

VANITY CALL FORMS: Danny, KC7CUQ, asked about dates for turning in the Vanity Call Forms but Jerry, W7BUN, said there are a couple petitions that need to be resolved before they'll open up the dates; however, the Club does have Form 610Vs on hand.

CODE REQUIREMENT: Bob, N7QOZ, said he had heard a rumor the code requirement for general class might be dropped. Bill W7GBC, said right now the code is a requirement in the international agreement for anybody with an amateur license operating below 30 Mhz. The next World Conference won't be held until 1999.

LICENSE RENEWAL: Hal, W7EC, said in a newsletter from the ARRL he understood the ARRL will no longer notify you 90 days in advance with a 610R, but that the FCC will notify you instead.

ADJOURNMENT: The meeting was adjourned at 8:10 PM.

Respectfully submitted,

Judy Kirkreit, AJ7R
Secretary, Radio Club of Tacoma

* * *

EDITOR'S NOTE: The above minutes of the last meeting of 1995 were inadvertently left out of the last issue of the BARK. Please excuse the omission. NØEYK

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING MINUTES
January 24, 1996

The Radio Club of Tacoma meeting was called to order at 7:33 p.m. by President Mike Crawford, WB7DFQ. During opening role call, several new calls were noted John, KC7OQW, Susan, KC7OQX, and John, AB7OJ, with an upgrade to extra. Also, Dan, KC7CUQ, our clubhouse host, was applauded for his upgrade to General. Congratulations to all!

TREASURER'S REPORT:

GENERAL FUND CHECKING START	$4053.28
INCOME	2887.53
EXPENSES	1079.56
BALANCE	$5861.25

There are 231 paid 1996 members.

SECRETARY'S REPORT: We received corres dence from Mike & Key confirming our table fo Mike & Key hamfest. There is a hamfest April Fort Vancouver sponsored by the American Le post there. A request was made of the club for a li SSB packet BBS's. Finally a letter and certificate received from Bob, W7TSQ, thanking us for puttin "a rare one on" during the Washington State Sal Run, where the Whakiakum expedition earned se place.

PROGRAM: A fine slide show and dramatic den stration was enjoyed by all attending on radio opera from the early days. Many pieces were brought in the Doc Spike Museum for close in examination. W6NBD, Worth, W7WG, and Morel, AB7KA, g intimate accounts of their early years in ham during narration of the slide show. Brian, KA7K added to the show with some slides of older mili radios.

HEALTH & WELFARE Jim, K7YLM, is feeling be and present at the meeting with an oxygen bottl tow.

TRAINING: Jerry, W7BUN, passed around a sign roster for an Extra class and noted that those wan to upgrade should do so quickly, because the t change July 1.

BARK PARTY: Shirley, N7QHW, said the next b party is Thursday, February 1 at 10 a.m. in the c house.

NEWSLETTER: Kathleen, NØEYK, asked that if one had news around the club that would be of inter She would like to include it in the column Slivers Splinters.

CLUBHOUSE, FIELD DAY, BANQUET: Bri KA7KUZ, informed us that the banquet night is Feb. starting at 6:30 p.m. food at 7:30. The Elks Club located at 1565 S. Union, near the clubhouse. Cos $15 per person. Please contact Brian or Shirl N7QHW, for tickets.

The HF station rotor will be fixed soon, alo with the Antique wireless antenna. The station functions, so come up for a visit and use the station.

The first Field day organization meeting w Sat. Jan 13. Please contact Brian or Mike, KB7QC for an operating spot. A site has not been picked y but a committee was formed with Jerry, W7BU Ralph, KA7FIG, and Dan, N7QWH. They are looki for site and will report by April 1. Field Day weeke this year is the 4th weekend in June the 22nd and 23

Brian invited all those interested in the carav to the Northwest Territories 60th Parallel Park to co tact him. A return is planned for Field day '97.

AROWS: The next meeting of the AROWS will be Anna's on base.

REPEATER: Mike, WB7DFQ, reported that the 147. repeater is operational at its new location on Crawfo ountain between to Rainier and Tenino. PL tone is t required but, if you use the 103.5 tone you can get with less signal. Site license will be applied for.

NTS & KINKS: Marilyn, KJ7BN, reported receiving a SL card from Bulgaria after 2 years and 8 months. o, send out those QSLs, they do eventually come ck. Jim, K7YLM, said the packet BBS is still working ell and receiving hundreds of new messages daily. he packet frequency is 144.97 MHZ.

ERTIFICATES: New members Dick Huddleston, B8NPN, Bruce Carpenter, KA7LYC, Scott Major, Ron aniels, KC7ODV, and Jim Wraalstad, WQ7H.

DJOURNMENT: The meeting was adjourned at 8:35 M..

tendance: 72

espectfully submitted,

Mke Horbul, KI7YB, Secretary
adio Club of Tacoma

RDIO CLUB OF TACOMA, INC.
BARD MEETING MINUTES
Fbruary 7, 1995

The Radio Club of Tacoma Board of Directors meting was called to order at 7:30 p.m. by President Mke Crawford, WB7DFQ. All board members and six gests were present, representing a quorum.

SCRETARY'S REPORT: Minutes of the last board meting were read and the following corrections were ted: The date of the meeting is January 3 , there were 9 oard members and 9 guests, the hamfest in Montana s the Glacier-Waterton, Ralph, KB7FIG, is on the new ech activities committee and Russell is on the committee to promote new members. The minutes were then apoved as corrected. A letter was received.

TEASURER'S REPORT:

GNERAL FUND CHECKING	$1,281.27
RPEATER FUND CHECKING	1,554.51
PCKET FUND CHECKING	500.00
FEA MARKET CHECKING	525.00
MNEY MARKET SAVING	14,081.53
SHOLARSHIP WORKING FUND	600.00
SHOLARSHIP MEMORIAL FUND	2,688.53
TTAL ALL ACCOUNTS	$ 21,230.84

Tere are 278 paid 1996 members.

CRRESPONDENCE: A letter was received and read frm three of our members in good standing, Tom, NQHX, Brian, KA7KUZ, and Dan, N7QWH, asking the Bard of Directors to honor Jim Kirkreit with an Honorary Mmbership. Another letter received from Gene, WBTV, reminded the board that the Honorary members othe Club still had not received a wallet card for Honory membership. Shirley, N7QHW responded that she ws working on getting some cards.

CMMITTEE REPORTS

MEMBERSHIP & TRAINING: Bill, W7GBC, reported that he had no changes from last month's report.

EMERGENCY SERVICES: Shirley, N7QHW, reported that an Emergency Operation Center training session will be held Saturday, April 13 specifically for Amateur Radio Operators.

NEWSLETTER: Kathleen, N0EYK, our editor requested that articles be submitted electronically by the 15th. She said that they had some minor glitches that they are improving on, but, overall it had been a fun experience.

CLUBHOUSE, FIELD DAY, BANQUET: Brian, KA7KUZ, said that the rotor will be replaced soon for the HF station with a new Telex T2X tailtwister that he had obtained. At the same time the antique wireless antenna will be repaired. The missing Heil headset adapter has been put on order. The banquet is set for February 24 at the Elks Club with only four members signed up. The first meeting for Field Day '96 was Saturday, Jan 13. There are still some openings. Please sign up! A committee was formed with Jerry, W7BUN, Ralph, KA7FIG, and Dan, N7QWH, to come up with five possible site locations. The next meeting will be held around April 1.

MOUNT ST. HELENS: Ralph, KA7FIG, reported he has received a use application from the national monument use coordinator. Ralph recommended that we apply for 48 hrs from Friday, May 17 noon to Sunday, May 19 noon to cover setup, operation and tear down. The cost of the application is seventy-five dollars. Bud, WA7ASH, said we could use his call again.

DK at the BEACH: Mike, WB7DFQ, said that upon approval of the board we would have DK at the Beach with Bud, KC7AVT, as the chairperson and Jim, K7YLM, giving him a hand. The tentative date is April 6 but, April 20 is also a possibility.

REPEATER: Mike, WB7DFQ, reported that the 147.38 repeater is now coordinated. A request for the lease application has been sent in to the Dept. of Natural Resources. Plans are to test a 440 repeater at Spar Pole Hill.

NEW TECH COMMITTEE: Allen, KB7SVU, provided some observations from new Tech members such as that when they come to meetings they feel like outsiders from the tight little groups that form. They requested more programs geared to VHF use. They also felt reluctant to volunteer in fear of making a mistake.

FLEA MARKET: Mike, WB7DFQ, reported that the Flea market will be August 10. No announcement on the chairperson as yet. He is also looking for a treasurer for that committee.

PARLIAMENTARIAN: Tom, N7QHX, has been appointed as parliamentarian.

OLD BUSINESS: Ray, W7KFN, reported on the financial review of the '94 and '95 books to the board that he and Don, K7QLC, had performed. In general the books were well kept. However, some areas needed improvement. Documentation of board action for transfer of funds between accounts needed improvement. Documentation and tracking of donated items need improvement. The yearly dues of life membership funds held in savings should be transferred from savings into the general fund. He also stated that another person needs to be found to review the books next year to replace him.

Shirley, N7QHW, went over the proposed budget for 1996. Comments on explanation of expenses were made about the Flea market. Some adjustments are required so final approval was tabled until the next board meeting.

Ralph, KA7FIG, made a motion for Jim, K7YLM, to be made an Honorary Life Member. The motioned was passed unanimously and will be brought before the membership at the next regular meeting.

The purchase of the file cabinet has been halted until content of the existing cabinet has been evaluated for disposal. Jerry, W7BUN, Shirley, N7QWH, and Ralph, KA7FIG, were appointed to clean the file cabinet.

Allen, KB7SVU, brought an information sheet for a point of contact at Boeing in order to obtain donations from them. It was provided to the secretary for correspondence.

NEW BUSINESS: Ralph, KA7FIG, made a motion that all club property including new donations should be brought before the board before being disposed of or sold. Jerry, W7BUN, seconded the motion. This motion passed and will be added to the standing rules. It was brought before the board that the Washington State Historical Society is interested in the museum and old records. The Society has the ability to store historical items in a much safer environment. The Society, then, could put some items on display at one of their sites, thereby, furthering the knowledge of Amateur Radio to the public. A committee will be formed that will include the present curators of the museum to further investigate.

Jerry, W7BUN, proposed that we sign our call sign with a stroke 80 to represent our 80 years since formerly becoming a club. This is being done by a New Jersey Amateur Radio club that is just a few months older that us. This was met with approval by the board.

Ralph, KA7FIG, made a motion to purchase the new rotor as a capital expenditure. Seconded by Alan, KB7SVU. The motion carried.

Dan, KC7CUQ, our Saturday host feels we should have the club house open more. He also would like paint for the graffiti on the garage. Ralph, KA7FIG, was volunteered to see if we had paint on hand.

Ralph, KA7FIG, also moved we spend $75 for the permit application for the Mount St. Helen's event. It was seconded by Mike, KI7YB, and the motion carried.

Eve who has allowed the clubhouse phone to be forwarded to her, has asked to be relieved from that task. Problems with the telephone directory listing which causes some nuisance calls from people thinking we are a commercial radio station has been a bother. Chuck, WY7V, has graciously accepted the task for the interim.

ADJOURNMENT: The meeting was adjourned at 10 P.M..

Attendance: President Mike, WB7DFQ, Vice President Bill, W7GBC, Treasurer Shirley, N7QHW, Secretary Mike, KI7YB. Board members Russell, KB7UXK, Ralph, KA7FIG, Chuck, WY7V, Alan, KB7SVU, and Jerry, W7BUN. Guests Dan, KC7CUQ, Alex, W7AZR, R
W7KFN, Tom, N7QHX, Kathleen, NØEYK, Bri
KA7KUZ, Rob, K7TGU, and Al, KC7DDA.

Respectfully submitted,

Mike Horbul, KI7YB, Secretary
Radio Club of Tacoma

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING MINUTES
February 14, 1996

The Radio Club of Tacoma meeting was cal
to order at 7:30 p.m. by President Mike Crawfo
WB7DFQ. During opening role call,new and upgrad
calls were noted. John, KC7OQN, was sporting a n
call , Bill, N7TEZ, with an upgrade to extra and Kar
with an upgrade to general. Congratulations for all y
hard work.

HEALTH & WELFARE: John's, KC7FGG, wife had
heart attack. She is at home now doing okay now. J
K7YLM reported he was doing okay but, wanted us
note that Bob, W7RGO, health is in poor shape a
could use some cheering up. He is at home. Ala
KB7SVU broke his arm. Marilyn, KB7PCT, is underg
ing chemo therapy and her husband Stef, KB7PK
just had of back surgery. Please give them a call
send a card. We wish a speedy and full recovery to a

TRAINING: Jerry, W7BUN, passed around a sign
roster for an Extra class and noted that those wanti
to upgrade should do so quickly because the tes
change July 1. Please contact Jerry or Bill, W7GB
our Education Chairman to sign up.

PROGRAM: Mary Lou Brown, NM7N, our ARRL Dire
tor of the Northwestern Division was our guest speak
for the evening. She opened the session by presenti
a plaque to the Radio Club of Tacoma for 75 yea
continuous ARRL affiliation. Mike, WB7DFG, our pre
ident, graciously accepted on behalf of the club. W
believe we are the second oldest continuous club in th
nation The plaque will be hung at the clubhouse und
out original ARRL affiliation certificate. Mary Lou co
ered some of the new legislature coming befor
congress that will give Radio Amateur Operators th
right to erect antenna's in areas where local gover
ments and covenants may have restrictions. FCC e
forcement is still slow in enactment. We have un
February 25th to make comments on spread spectru
operation. VE's may be given wider tolerances o
paperwork and educational materials. RFI complaint
are being test marketed to local repair shops in th
Tampa, Florida area, so far, with little success. Remov
ing the CW requirement will probably be brought u
again at the next World Amateur Radio Conference.

ARES-RACES: Alan, KB7SVU, reported that there ha
had much activity related to the flood watch and flood

ng cleanup. Shirley, N7QHW, informed us of the ultiple Sclerosis walk on April 13 and the Daffodil arade and March of Dimes march coming up. Emergency Operation Center training is April 13 in the epartment of Emergency Services located in the asement of the county city building. Sign up is equired before hand because of limited space. If you vish to be an emergency operator for the W7DK mergency station then, you must be trained.

ROWS: Tressie, KC7BAL, reported that the meeting n Saturday the 17th will be at Anna's bring Valentine ookies.

EWSLETTER: Kathleen, N0EYK, reminded us the eadline for the Bark is the 15th and it will go to press n the 20th.

OUNT ST HELENS: Keep the weekend open of May 7-19 for a return of the expedition and operation at Mt. t. Helen's.

7DK at the BEACH: Jim, K7YLM, informed us that e we will return to Owens Beach on April 6th. Antenna wars are on. Create an antenna and bring it down the beach. Bring a rig and get on the air. There will e an ICOM 706 demonstrated. It will be a potluck and ere will be some hot dogs, pop and prizes. There is power at the beach, so we will bring down one enerator.

LUBHOUSE, FIELD DAY, BANQUET: The banquet ght is Feb. 24 starting at 6:30 p.m. food at 7:30. The lks Club is located at 1565 S. Union, near the clubouse. Cost is $15 ea. Please contact Brian or Shirley, 7QHW, for tickets.

Mike, KB7ZDR, reported that we are locating operating spot. A site has not been picked yet. ield Day weekend this year starts the 4th weekend, ine 22.

EPEATER: Mike, WB7DFQ, reported that the 147.38 epeater is a officially coordinated at its new location on rawford Mountain between Rainier and Tenino. Site cense has not come back from the state. It is in the rocess loop. Some more work is still required for the 40 test repeater at Spar Pole Hill before it is installed. he repeater will operate under Al, KC7DDA's call sign uring the test.

EW BUSINESS: A letter recommending Jim, K7YLM, r honorary Membership in the Radio Club of Tacoma as read. The board approved the resolution and it as brought before the members. A motion was so oved by Sally, KB7PKJ, and seconded by Jim, F7FB. The motion carried unanimously and Jim was esented with one of the first life membership cards. A uorum was present.

INTS & KINKS: Jim, K7YLM, would like the club to t together a QRP kit to sell and have members put gether. He also suggested that since this is the 50th nniversary of the Narrows Bridge falling that we hould get together and put the Narrows bridge on the air by using it as an antenna. He also reported making contact with RV0AN on 40 meters from the car.

Coming Attractions & ETC: Harry Lewis, W7JWJ, will be our guest speaker at our next meeting with a slide show on Early Communications. This is the 80th year Anniversary of the club and the club has elected to sign our call sign W7DK**/80**.

GOOD OF THE ORDER: Badges have been delayed due to unavailability of the correct plastic. **Life Member cards** were distributed to Jerry, W7BUN, Harry, N7DOE, Mac, W7SMR, Dick, W7RGD, Al, KC7DDA, Alan, KC7SVU, Tressie, KC7BAL, Kathleen, N0EYK and Roger, K7AYC. The rest will be sent in the mail. We are looking for Tuesday night net operators. The net meets on 147.28 on Tuesdays at 7:30 p.m. The Clubhouse is open Saturday's from 8:30 a.m. to 3:30 with Dan KC7CUQ as our host. Breakfast Saturday mornings at 8:00 at McChord and 9:00 at Burr's on Steilacoom just off Bridgeport.

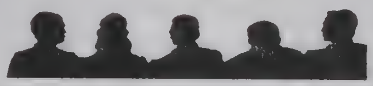
CERTIFICATES: Nick Rock, KC7OKR, was awarded a first contact award. His contact was Jim KC7MTN. New members certificates were available for Scott Major, KC7OKN, Merrie Sullivan, KC7IBJ, Paul Sullivan, KC7MKL, Dick Huddleston, KB8NPN, Duane Perry, KC7OKP, Paul Weiss, KC7FYQ, John Martens, KC7MKK, Bill Bettyas, KC7OLY

ADJOURNMENT: The meeting was adjourned at 9:08 P.M..

Attendance: 60

Respectfully submitted,

Mike Horbul, KI7YB, Secretary
Radio Club of Tacoma



Editor's Notes

Another month has rolled around and the ***BARK*** is on its way to press early. With this issue, we have done some experimentation with printing of the originals for duplication in an attempt to do a better job on photos. I am hoping for the best and we will all get to see when the final product is in the mail. The learning process goes on!

I am still looking for input for the 'Slivers & Splinters' column. One liners similar to those in 'Do You Remember When...' are best.

Be sure to attend all the upcoming events and perhaps even try your hand at contesting! See you in March!

73, Kathleen, N0EYK

March 1996

W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURD
					1 #HANK'-NK7E #ALF'- KB7QFT	2 PIN PG Chi 7p # KURT- KC7 #BILL'- KL7 ARRL DX-Co
3 #BUD'-N7HKS # GUY - KB7LGU ARRL DX-Contest ...	4	5 147.28 NET 7:30 PM ----------------- # BILL -W7GBC # RALPH -WM7P #RAY"- KC7CBM #JIM'- KC7ETS	6 Board Meeting Club House 7:30 pm.	7 #JIM'- KB7TZ # STEVE-KC7AZW	8 #JIM'-N7DKI #LINK'-N7CEO # JOHN -KC7FRL	9 Mike & Ke FLEA MARKE # ROY -N7BX # LORRI MAR #AL"- K7PU
10 # WAGNER-N7COT # VIVIAN HUNTLEY	11 # DAN -AJ7K # BETTY-KC7ACY	12 147.28 NET 7:30 PM ----------------- # STAN - N7OAX	13 W7DK MEETING Library 112 St.E.& WALLER RD.7:30pm # GUY - KC7AIW # OWEN-KC7KAV	14 #ANDREW-KB7DOX # ROY - KA7X #"JIM"- KC7MTN	15 LOGGER'S BARK *DEADLINE* # JOHN-KB7UED	16 *ARROWS MEETING* 12noon @ KC7BAL Q #ERIC"-WA7 #JERRY'-AA7 RUSSIAN DX
17 *St. Patrick's* RUSSIAN DX Con...	18 #BILL'-KC7AKY	19 147.28 NET 7:30 PM ----------------- MVWS VE TESTS #"JEFF"-KC7JIQ	20 ARES/RACES MEETING -TACID 7:00pm *Spring begins*	21 #AL'-K5EAF	22 # PAUL -KC7MKL	23 # ALEX -W7A # HELEN -W7
24 # BOB -N7AHR	25 LADIES PINOCH LE CLUB HOUSE 12:Noon #BOB'- KB7UXF	26 147.28 NET 7:30 PM ----------------- # LUCILLE-NB7T # MOREL-AB7KA	27 W7DK MEETING Library 112 St.E.& WALLER RD.7:30pm #BOB'- KI7UU	28 # EDITH-KB7KSY # BRIAN -N7UFA	29 #GEORGE-KL7GRL #GLENDA TRELOAR # BILL- KC7EBB	30 #LES"- N7QW # FLOYD-KC7 #JEFF'-KB7N CQ WW [Wo
31 *Palm Sunday* CQ WW [Work All...						

# Happy Birthday!

ANNOUNCING THE 15th ANNUAL MIKE AND KEY ARC ELECTRONICS SHOW & FLEAMARKET

MARCH 9, 1996 @ 9AM
PAVILION EXHIBITION HALL
WESTERN WASHINGTON FAIRGROUNDS, PUYALLUP, WA
ADMISSION - $5 (UNDER 16, FREE w/ADULT)

TWO FLOORS WITH 44,000 Sq FEET OF EXHIBITION AREA
TALKIN 146.82/22 (PL 103.5) & 146.58 SIMPLEX
RADIO GEAR * COMPUTERS * CLUB INFO * PARTS
SNACK BAR * FREE PARKING * CONSIGNMENT AREA
OVERNIGHT SC/RV's OK * LICENSE EXAMS
(LICENSE EXAM SESSION @ 11AM, RESERVATION REQUIRED)

TABLE RESERVATION INFO: (206) 854-4031, 6PM-9PM PST (E-MAIL: mwdink@eskimo.com)
LICENSE EXAMINATION SESSION INFO ONLY: (206) 927-7464

NTCT NAME: ____________________ CALL: __________

SINESS NAME (IF ANY): ____________________

DRESS: ____________________

TY: ______________ STATE: ______ ZIP: __________

EPHONE: (   ) ______________ E-MAIL: ______________

REGISTRATION TIPS
(TO MAKE IT EASIER FOR YOU AND US)

IF YOU DESIRE TO HAVE YOUR TABLE SITUATED NEXT TO A SPECIFIC PERSON OR GROUP OF PERSONS, YOU MAY WISH TO REGISTER AS A GROUP WITH ONE LETTER CONTAINING ALL THE TABLE REQUESTS. CONFIRMATIONS CAN BE RETURNED SEPARATELY IF DESIRED.

REGISTER EARLY AS TABLES ARE ASSIGNED ON A FIRST COME, FIRST SERVE BASIS AS DETERMINED BY POSTMARK. SPECIFIC LOCATION REQUESTS ARE HONORED ONLY IF THE SPACE IS AVAILABLE.

DESCRIPTION	$
EXHIBIT / SELLER TABLES @ $17 EACH (8' X 30" - ALL TABLES ARE SOLD AS NOT INCLUDING ANY ADMISSIONS)	
SELLER / HELPER ADMISSIONS @ $5 EACH (WE RESERVE THE RIGHT TO LIMIT THE NUMBER OF HELPERS)	
COMMERCIAL BOOTHS @ $88 EACH (200 SQ FEET, 4 TABLES, INCLUDES 4 ADMISSIONS)	
ADVANCED BUYER ADMISSIONS @ $5 ONORED @ 9AM, SATURDAY - SENT BY RETURN MAIL - NO ORDERS AFTER 02/24/96)	
TOTAL ENCLOSED =	

Please note any location/group requests, special requirements, or additional information below:

____

____

____

SELLER SETUP TIMES
MARCH 8 (FRIDAY) - 2PM TO 8PM
MARCH 9 (SATURDAY) - 5:30AM TO 8:30AM

KE CHECKS PAYABLE TO: MIKE & KEY ARC, 637 2ND AVE S, KENT, WA 98032 - ALL RESERVATIONS CONFIRMED BY RETURN MAIL

COMING EVENTS

MAR 2-3 - ARRL International DX Contest, Phone

MAR 6 - Board of Directors meeting - 7:30 PM - at the Clubhouse - all members are invited.

MAR 9 - Mike and Key ARC Fleamarket - Puyallup Fairgrounds

MAR 12 - RCT License Exams - 7 PM - RCT Clubhouse

MAR 13 - Club Meeting - Library Center - 112th & Waller Rd.
7:30 PM - Program: Hal Stahlhut, W7EC, "Hints and Kinks in Antenna Construction"

MAR 16 - AROWS meeting at the home of Tressie, KC7BAL. Noon. Bring a healthy snack to share. Also bring a gift (under $5) that is ***green*** or is wrapped in ***green***.

MAR 16-17 - Russian DX Contest

MAR 27 - Club Meeting - Library Center - 112th & Waller Rd.
7:30 PM - Program: Your Home Built Electronics Project from Kit or Scratch
--Bring a sample for 'Show and Tell'--

MAR 30-31 - CQ Worldwide Worked All Prefix (WPX) Contest

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

ADDRESS CORRECTION REQUESTED

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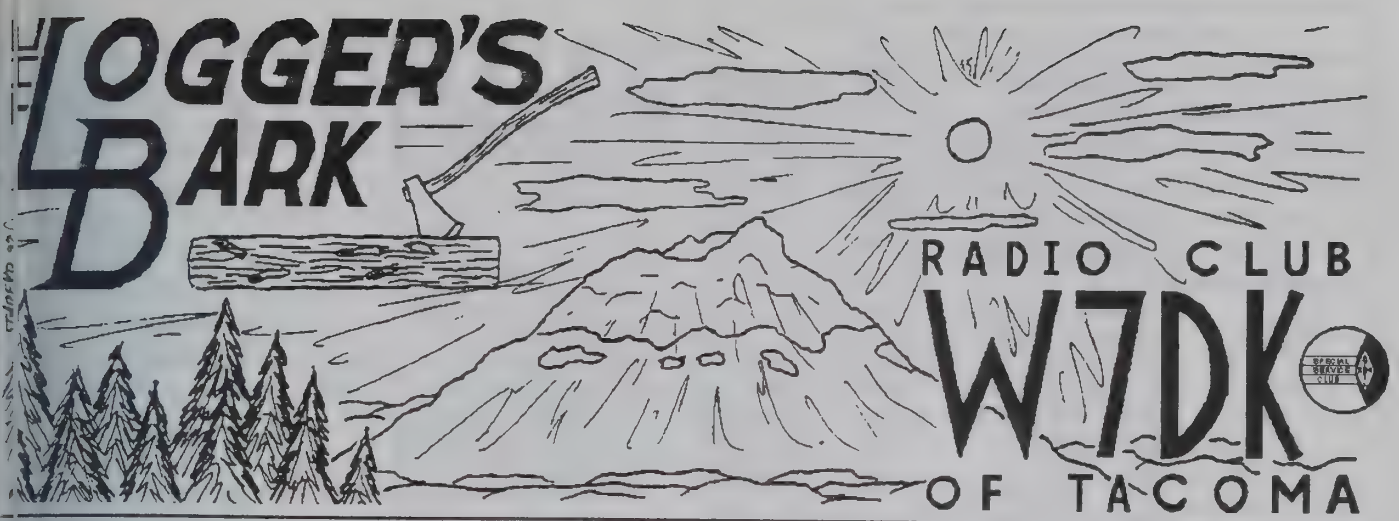
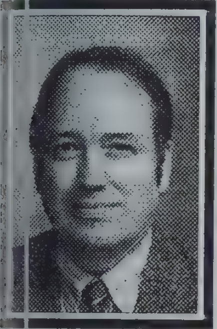


THE LOGGER'S BARK

RADIO CLUB W7DK OF TACOMA

OL. XXXIII NR. 4 W7DK APRIL 1996

FROM THE PRESIDENT



WB7DFQ

Ah, Yes! Springtime, when a young man's fancy turns to building antennas. I 'm a real romantic, aren't I? But I do want to ask you a question. Have you built anything recently? Why not? If you haven't built anything you might be surprised by how much satisfaction you can derive from such an activity. There ar very few things in life as thrilling as making a contact us g equipment, part of which you built yourself.

You say you don't know where to start. Try the cl bhouse library. In the ham radio publications, which ar available there, you can find everything from simple acessories that you can build in a few hours to very co plex projects which might take months. For a first pr ect pick something simple. Many first time builders chose antennas because they can be simple and the m erials are inexpensive. You say you can only work V F. That's fine. Antennas work there too and they d 't need to be nearly as large. Maybe a vertical dipole or simple wire element beam would be just the ticket to et you started. Then you can move on to a quagi or ar 11 element beam. Think of the repeaters you can ge into with one of those!

If you think that you don't have the skills and know-how necessary for such an undertaking just look around you. On the membership roles of the Radio Club of Tacoma are experts in nearly every area related to amateur radio and most of them are more than willing to share their knowledge. Just ask! You might be surprised what you can learn. If we get enough interest we will sponsor classes where part of the instruction will include actually building a project. Let me or one of the board members know if you are interested in something like that.

Half the fun of building is in showing off your creations and we can provide the opportunity. Bring it to a club meeting. We can always find the time to look at something new. And don't forget activities like "DK at the beach" where new technology, or a new slant on old technology, or any slant on any technology is always welcome.

Your first attempts at building may be a little rough and may not work to well but just remember one thing. The knowledge that you gain will serve as a foundation upon which to build more knowledge and very soon when someone asks "How does that work?" you will know the answer because you built it.

73, Mike, WB7DFQ

W7DK at the Beach

DATE: Saturday, April 6, 1996
TIME: 10:00 am to 4:00 PM
PLACE: Owen Beach at Pt. Defiance Park
TLUCK: Call Judy, AJ7R, 927-7825 for coordination.

JOIN IN THE ANTENNA WARS FUN!

Radio Club of Tacoma License Exams

APRIL 9, 1996
7 PM RCT Clubhouse
1249 S Washington in Tacoma
Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.05. For information call:
Jerry Seligman, W7BUN 845-7652

RADIO CLUB OF TACOMA -- 1996

PRESIDENT	MIKE CRAWFORD	WB7DFQ	531-4789
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
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PUBLISHER	W7DK PRESS	N7QHW	265-3661

◆◆◆

CLUB MEETINGS: 7:30 pm

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206 / 759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Modem or mail all articles to Kathleen Nace, NØEYK, 2812 204th Ave.Ct.E., Sumner, WA 98390. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.88 / .28 MHz	**144.97 - Packet**
147.98 / .38 MHz (pl 103.5)	**441.00 - Packet**

New Members

Robert B. Collier Jr., KC7PLH RCT# 1896
414 S. 86th St.
Tacoma, WA 98444
537-9308

Les Uhrich, KC7KPE RCT# 1897
4009 N. Vassault St.
Tacoma, WA 98407
752-6585

Dennis Anderson, KC7OUY RCT# 1898
14417 69th Ave. Ct. SW # A-1
Tacoma, WA 98439
589-6729

Theresa Brand, KC7PLF RCT# 1899
14417 69th Ave. Ct. SW # A-1
Tacoma, WA 98439
589-6729

Karl Grote, KC7PAI RCT# 1900
5826 S. Oakes St.
Tacoma, WA 98409-6214
474-9951

Randy Collier, KC7PLG RCT# 1901
POB 2033
Gig Harbor, WA 98335
851-7910

Address/Phone Changes

Ben Rasnick, K6VBC
922-8870 (Unlisted)

John Newsome, KB8MAU
581-3523 (Unlisted)

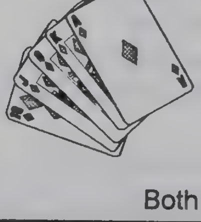
Jim Stafford, KB7VOM
14627 Washington Ave. SW
Tacoma, WA 98498-2229
Phone Unknown

New Calls

No new calls were reported this month.

Silent Key

Rudy J Kneip, WB7EQZ RCT# 902
March 12, 1996



PINOCHLE

2 gatherings each month

Pinochle & Potluck - 7PM
1st Saturday of the Month

Ladies Pinochle - 12 Noon
4th Monday of the Month

Both gatherings at the Clubhouse.

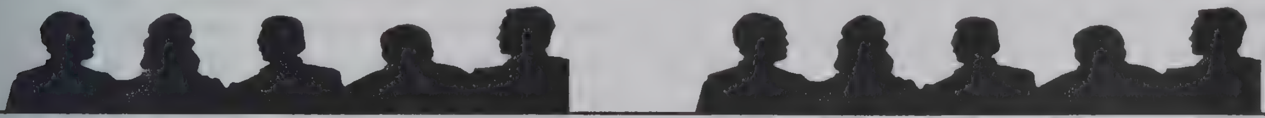
ARES/RACES

PCARC ??? WHAT IS THAT?

Initials are used for just about everything: FCC, FDA, FBI, CDC, ARRL, DEM, EOC, WSP, and OAA. We have ARES, RACES, PCARCS, all having t do with radio communication and helping others. Perce County Amateur Radio Communication Services is a name that the membership developed to sgnify both ARES and RACES functions for the organiztion. The organization consists of a Board of Directrs giving organizational guidance, and the Emergncy Coordinator (ARES) and the Radio Officer (ACES) giving operational guidance. There are many gals of which only one is to place an antenna at dsignated fire stations throughout the county and prhaps packet stations as well. On the ARES side we asist with community functions such as MS Walk, Tur de Pierce, Sound to Narrows, and the Daffodil Prade. The RACES functions have been many of late, sch as assistance with floods, wind storms, evidence sarches, search and rescue and earthquakes.

Pierce County is not any different from other cmmunities across the nation that utilizes amateur rdio volunteers to assist with community functions. Idividual and group efforts are foremost in peoples mind after every event or emergency. A better organized group results with rewarding experiences. The hurricanes in Florida, earthquakes in California, and floods in the Midwest have given those volunteers many experiences that give cohesiveness to the group through a sense of purpose. Our own recent emergencies should provide all of us an increased awareness of the need for our abilities.

The Emergency Operation Center at the Dept. of Emergency Management is activated during emergencies such as the recent floods. Amateur Radio Operators are the primary method of communicating from the flood areas to the county who then distributes that information to police, fire, sheriff, public utilities, Red Cross, etc. This is but one example and we all know the potential for many other disastrous events in our state. There were very few volunteers to help with the recent flooding. Please participate and use your radio skills to assist in emergencies. Be active in helping establish our methods of communications before emergencies. A net with skilled traffic handling and net procedures is essential during any disaster or emergency to prevent chaos. We all have special training with our licenses as Amateur Radio Operators. It is a fun hobby and one that gives us ability to give to the community and each other. Peter Drucker, author of In Search of Excellence, says, "The purpose of any organization is to enable common men to do uncommon things." 73, Candy Plumlee, KB7KJX



LOGGER'S BARK SUBSCRIPTION

Please send all new and renewal subscriptions for the *Logger's Bark* to:

Shirley Murphy, N7QHW
161 Maple Lane NW/Raft Island
Gig Harbor, WA 98335-5949

Subscription fees are $7.00 each year. Check your address label to see when your subscription expires. Names will be removed from the mailing list upon expiration so renew early. If you are too far away to join the club but are interested, sign up for a subscription to the *Logger's Bark* at just $7.00 per year.

Do You Remember When...

- Stephen, AB7HI, and Brian, KC7FAE, contacted New York from Owen Beach using two watts?
- Morel, AB7KA, had a soft drink at Sloppy Joe's Bar in Havana, Cuba?

de Jim, K7YLM

Editor's Notes

This month's issue has a good bit of important information, especially with regard to **WA7ASH/80 (Mt. St. Helens)**. If you are planning on participating in the operation or just visiting the site, please make sure you are on Brian's (KA7KUZ) list!

Once again I would like to thank all my contributors and proof readers. Also thanks go to the folks who come out to the "Lick'em Stick'em" party at the Clubhouse each month to get the *BARK* ready to mail. There are many volunteer hours represented in each issue. Without all these helpers there would be no *BARK*! THANKS!

Thanks Candy, KB7KJX, for this month's ARES article. Welcome back Shirley, N7QHW!

May you all have a blessed holiday season. Til next month, 73, Kathleen, NØEYK

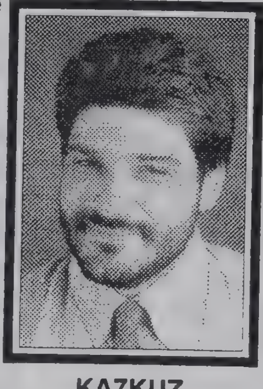
◊W7DK HF STATION◊

Here it is the first of April. I can't believe how fast the year is flying by. As soon as I finish the winter contests, the summer activities are at hand. When I say the summer activities are at hand I mean we've got major activities planned for April, May, June, July, and September.

In April we always start things off with the picnic and Antenna Wars at Owen Beach at Point Defiance. Without stealing too much thunder from the committee chairmen, it promises to be a fun one. There will be plenty of VHF and HF contacts as well as those unique and puzzling antennas that no one is sure how they get them to radiate. Come on out and make a few contacts or just enjoy the company. The picnic will be Saturday, April 6th.

In May and June things will really get rolling with the DXpedition to Mt. St. Helens and Field Day. The trip to Mt. St. Helens should be bigger and better than ever with electricity and restroom facilities available on site. There is even talk of sending a small group of hearty souls to the mountain rim to operate a VHF station on the 18th. W7DK will be operating from Cold Water Ridge which provides an excellent view into bowl of the volcano. An advance party will leave on Friday, May 17th to secure the site and set up antennas and generators. Saturday, May 18th, we'll operate HF and VHF as long as possible and everyone is welcome to make a lot, or, just a few contacts. We're still in need of RV's, radios, antennas, and operators. I will be holding a meeting on April 20th at 11 am at the Clubhouse to discuss and plan this DXpedition. If you've got something to offer or you want to be a part of this event please attend this planning session.

Also on April 20th, at the same time we'll be meeting on Mt. St Helens, we'll be working out the details on Field Day 96. The first order of business will be to determine the Field Day site. A committee has been working to find several suitable sites and we'll get a chance to decide at this meeting which one best fits our needs. Also at this meeting we'll firm up sta assignments, incident commanders, and set up sev test days to check out equipment and sharpen op tion skills. **If you are planning to be a part of F Day 96 be at the Clubhouse on April 20th at 11** Your attendance is essential to ma this event a success!



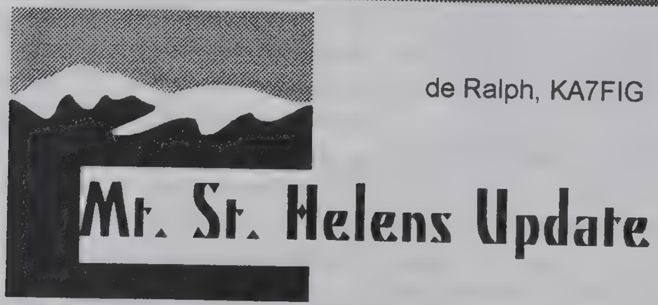
KA7KUZ

In July a group of Radio Clu Tacoma members will make our known at the Glacier Waterton Ham in Montana. The Hamfest should be 12th through the 14th which I will con in the next couple of weeks. I will leaving the morning of July 10th for M tana and will take any and all who wis travel along. I hope to make the tri two easy days. Once we get there w set up an antenna and tent and put the W7DK banner. If you've never seen this part of country you're in for a great treat. After the ham we'll turn north into Alberta and the Northwest Ter ries to do some scouting for a good DXpedition site a summer time contest in 1997. We'll take the opp tunity at the April 20th meeting to discuss this trip.

Also be thinking about the Washington St Salmon Run (Washington State QSO Party) coming in September. We can always go back to Whakiak County or find a new location. We'll take some tim the April 20th meeting to discuss possible locations.

One last and very important thing The Nor gians have done it again! A gentleman by the name **Sloof Lirpa** has invented a new form of narrow pho communication. Sloof effectively filtered out both s bands and the carrier to create a null phone sig The FCC is considering this new communicat method and will probably approve it when Congre balances the federal budget. One FCC official co mented that they may consider removing the 1500 w operating limit if this new technology effectively prov itself. Will technological wonders never cease!

73, Brian, KA7KUZ



Mt. St. Helens Update

de Ralph, KA7FIG

As of the Ides of March the DXpedition team does not have a Use Permit for the Monument. Furloughs, vacation time always slows down government paperwork prior to the big push for summer activities. This has been a tragic year for most of the Mt. Helen's topography surrounding the north, south a east side approaches due to massive slides, wash out roads, bridges unconnected standing alone as monument to the flooding and the power of water soak, saturate and move.

Some of these roads may not be repaired fo very long time because of location, lack of money a the down sizing of human resources. The only way the Mountain this spring will be on St. Rt. 504 which c be entered either from St. Rt. 505 through Toledo or from Castle Rock.

However, plans are going forward for a M 18th weekend. The three motels on 504 on the ea side of I-5 in Castle Rock are listed for advanced reservations. The Timberland Motel, 360-274-6002, Mt. St. Helen's Motel, 360-274-7721, Gateway 7 West Motel, 360-274-7526. There are also several parks with camping, trailering facilities which are now closed. The only team personnel that will be permitted to stay on the Castle Lake Overlook are in the **Motor Homes**; of which we have one of a potential four committed.

And last but not least is the subject of portable sanitation bathrooms. A bid for four units is due from Kelso next week. This subject is not the high point of last years stay. Members and non-members who use other people's facilities as a right of immanent domain without as much as a thank you this year will pay for Honey Buckets and may be standing in line at Cold Water Ridge Visitor Center the whole weekend.

April Fool's Day Brain Spindor, KA7KUZ, will be sitting in this chair as our Team Captain and Leader for the DXpedition.

More on St. Helens

The Monument, a Closed Site

The Mountain has a tremendous panoramic view of the nature and surrounding devastation. Herds of deer and elk are often spotted. The swooping of an Eagle and it's power dive for a meal is a lifetime experience.

The Use Permit for the Mt. St. Helen's Monument WA7ASH/80 Site at the Castle Lake Overlook is all but in the hands of our Radio Team Coordinator Brian Spindor, KA7KUZ. However, there are several strings attached which were negotiated and are different from last year. There is a gate at the entrance which shall remain closed, not locked, at all times. This will limit radio operators to not more than fifty at any time on a rotating bases. There may be no more than fifteen cars on the site at any one time not including those automobiles which shall be designated as stations.

The Monument Administration has closed this site permanently except for a special occasion because of the dangerous east bound curve just west of the site. The State Patrol also has the same concerns, so the gate will be monitored by our staff. There will be no tourist entrance into the site parking area.

If you wish to be a rotating operator, you will need to **contact and make a reservation and/or register with Brian.** If you wish to visit the site Friday through Sunday, May 17-19, you will need to contact the gate operator by VHF/UHF radio on the way up to the Visitor Center at mile post 39 and at least before mile post 40. These restrictions do not affect the motor homes, RVs or trailers that will house stations or the persons that come with them, however we are limited to four plus one.

At this point in time we are looking into alternate parking areas to store vehicles that are not permanently on the site. Plans are being formulated for car pools and other means to provide access for our membership and the quests already invited. Dignitaries of the Puget Sound Basin are encouraged to come up and spend some time, we just must limit the length of the stay to probably no more than four hours. This is especially necessary on Saturday May 18th, the Anniversary day. We have a month and a half to make the plans which will accommodate the membership that wants to operate or be a family tourist and continue to the Visitor Center at Coldwater Ridge.

de Ralph, KA7FIG

❋ FROM THE BARK 20 YEARS AGO ❋

APRIL 1976

de W7BUN

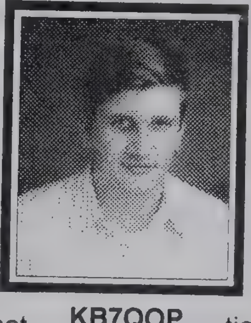
Club members are planning to attend the Skagit Hamfest this month, with tours to the million-watt Navy radio station at Jim Creek. Scotty Huntley, K7CYZ, and Don Grant, WA7PIN, are co-chairmen for PCT's annual Hamfair which will be held at the Pierce County Fairgrounds near Graham this year. The Women's Auxiliary have started their second quilt; these will be used for prizes at Hamfair.

The FCC has denied a request for computer interconnection via ham radio, pointing out that Amateur Radio is a "hobby radio service" and not an "over-the-air computer service." (Who could have foreseen acket radio 20 years ago?) Senator Barry Goldwater, K7UGA, has introduced a bill in the Senate requiring manufacturers to incorporate RFI prevention in consumer electronic products.

CW: Getting Started

CW and the Real World

de Mike, KB7QOP



KB7QOP

I can remember tuning the dial of my brand new TS-450, wide eyed and excited at the myriad ensemble of blurring sounds that rushed out from against the soft background of static and atmospheric noise of the 80 meter CW band. A letter here and there taunted me, seeming to gently reinforce my novice status and inexperience. I could not understand all of what I was hearing, but it nevertheless seemed so wonderful. To think that two people, perhaps hundreds of miles apart, were communicating with little more than the simple sounds of telegraphy and the deciphering powers of their minds filled me with a sense of absolute awe. The desire to join these people, to raise my own "voice" on the airwaves and experience the thrill of meeting new friends around the world was almost overpowering. I would stay up nights, pounding brass to some imagined operator with my polished straight key and waiting, eagerly, for the day when I could push that VOX button and join those who had captured my imagination.

In the agonizing period while I waited for the arrival of my first license, the emotions and feelings of anticipation were a constant companion, filling my waking hours and holding me in a state of constant, hungry expectation. I had passed, barely, my 5 WPM code test when I tested for Novice and the installation of the Kenwood transceiver was a dream come true. Now, at least, I could listen to the voices that carried across the airwaves at night and accustom myself to the practices of real operation. It was one thing to learn the code and work on the basics until I could recognize the sort of thing sent by computer or from an audio cassette. It was quite another to listen to the *real thing* on the air, and the fact
that I was listening to genuine, flesh and blood peo
was a major incentive for increasing my speed and co
petence. I cannot help but think that the lack of desire
the part of many would be Morse code students ste
from a void of any real-world experience with CW. I
time, I think, to try and fill that void.

Last month I discussed some ideas for learn
the basics of Morse Code, of getting the char
ters down and getting a grasp on the CW alp
bet. I do not think most people have too mu
difficulty reaching, with practice, the stage wh
they can correctly identify the majority of char
ters in CW. The biggest obstacle becomes
creasing speed and proficiency, an act that
indeed very difficult without the proper attitu
Students who want to learn generally do; a stro
desire can overcome even the steepest of edu
tional obstacles. When this drive to excel is lackin
however, learning becomes a sluggish prospect
best. So it is with increasing Morse Code speed. With
the passion to improve ones ability, progress is a pain
struggle indeed.

The bottom line is this: machine generated Mor
Code can only go so far. Once you have learned t
characters and become familiar with the basics, make
active attempt to get hold of a radio and listen to the re
thing. It is amazing how much one can learn while tryi
to copy conversations between individuals, especia
because such conversations are actually interesting a
fun to listen to. I honestly believe that my own interest
CW was a direct result of those long and wondrous nigh
when I would stay up and listen to the music of th
airwaves, and dream of adding my own voice to th
fascinating choir. The W7DK station is all too ofte
unused and neglected. Why not head over the clu
house next weekend, grab your pen and pad of pap
and work on copying the real thing? Even if you are n
yet ready to take the 5 WPM test, or have just mastere
most of the characters, it is not difficult to find CW bei
sent at a very nice, slow speed. It's fun, interesting wo
to try and copy the exchanges and ragchews of the C
bands. Try it! You might be surprised at how quickly yo
speed increases. And, if nothing else, you'll have a lot
fun on your road to further mastering the art of Mors
Code.

AMATEUR RADIO Friendships around the world!

Maple Valley Wireless Society
VE TESTING

MVWS will conduct an all license examination the **3rd Tuesday of each month**. Testing begins promptly at 7PM at the Auburn Fire Station located at 1101 'D' Street NE, Auburn WA. Be sure to bring the original and a copy of your license and any CSCE plus a piece of ID. For more information please call
Bill Shimmin, W7GBC, 584-1086 or
Ralph Fuller, KA7FIG, 582-5841.

Amateur Radio Exams

in the Puget Sound Region as of January 15, 1996

1st Tuesday - 7 PM - **Puyallup** Fire Station, 128th St. one block west of Meridian, Puyallup - Contact Mike Horbul, KI7YB, 845-2545.

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, **Kent** - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

nd Tuesday - 6:30 PM - **Everett** - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clubhouse - Contact Jerry Seligman,W7BUN, 845-7652

nd & 4th Thursdays - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

rd Tuesday - 7 PM - **Auburn** - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

rd Saturday - 1 PM - **Renton** - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave - next session - May 20 - Contact Nick Bender, NX7W, 249-4671, Montesano

th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

th Saturday - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

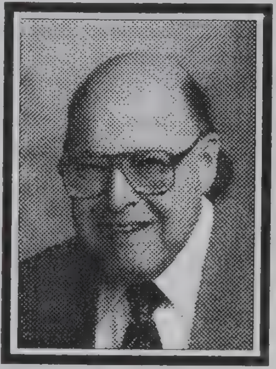
th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

emiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

lease send updates to: Jerry Seligman, W7BUN, 12306 th Ave East, Puyallup, WA 98373 - Phone: 845-7652

❖NEWS FROM ARRL❖

de Jerry, W7BUN



W7BUN

The FCC has said it would wait at least until mid-year to announce when it plans to open the gate or gates of its long-awaited vanity call sign program. Four Petitions for Reconsideration are among the factors in the delay. FCC vanity call sign application Form 610V is now available, but the FCC will not accept completed forms until it opens the appropriate filing gates.

ARRL President Rod Stafford, KB6ZV, has established a committee to review the entire DXCC Program. The panel will recommend changes necessary to "encourage broader participation by more amateurs, make the program more equitable, create better understood criteria for DXCC `countries,' improve the process of reviewing requests for additions and deletions to the ARRL DXCC List, and increase efficiency in the administration of the program." There are no plans to scrap or restart the entire DXCC program, but changes would make it more of a level playing field.

When a lawn service started using a Sarasota, Florida, Amateur Radio repeater, the local club logged and transcribed transmissions by several people using false call signs - including phone patch calls. After a week, the FCC was called in and established a "fingerprint" of the offenders' transmitters and -- as a bonus -- identified two hams who were interfering with repeater transmissions. FCC personnel called on the owner of the lawn service and several employees, confiscated several radios and filed charges against the perpetrators.

The FCC has eliminated conflict of interest provisions that had applied to the administration of Amateur Radio exams. Also eliminated are requirements that volunteer examiner coordinators and volunteer examiners maintain records of their out-of-pocket expenses and annually certify those expenses to the FCC. The previous rules precluded equipment manufacturers and their employees, or anyone involved in preparing or distributing ham radio license study materials from administering license examinations. The FCC said the 12 years of experience with the VEC system has shown breaches of trust are minimal and can be dealt with swiftly.

Despite earlier reports that the current sunspot cycle had bottomed out, it could be another year before things start looking up, depending which data you use. Some solar forecasters, using measurements of solar flux, predict reaching minimum about a year from now, during January or February 1997. Other projections, based on direct telescopic observations of sunspots, show the sunspot number reaching minimum during April through June of this year, and a big increase starting late in 1997. Sun spots shift in magnetic polarity from one cycle to another, and astronomers observed what they believe to be the first spots of the new cycle last summer. In any case, just when cycle 23 begins will not officially be determined until well after the event transpires.

In conjunction with the 1996 Dayton (Ohio) Hamvention, the QRP Amateur Radio Club International will celebrate "Four Days in May - the QRP Event of 1996." The event will feature exhibits, presentations, meetings, and workshops by renowned QRPers QRP equipment manufacturers.

The United Kingdom is running out of the fa iar G-series call signs which have been issued si 1920 for most UK stations. Starting April 1, the U Radiocommunications Agency has been issuing series calls to all new licensees. The same pr patterns as used for the G-series calls will be follow MW stations will be in Wales, MM will be Scotland, for Northern Ireland, etc. Novice license holders continue to receive 2-series calls. So an Engl Novice call might be 2E1AAA while a Scottish Nov call night be 2M1AAA. ❋

RADIO CLUB OF TACOMA

W7DK

Committees and Appointees

as of March 6, 1996

1. Activities
2. ARRL Liaison - Jerry, W7BUN
3. Assistant Treasurer for Tax Matters - Ray, W7KFN
4. Awards Banquet - Brain, KA7KUZ
5. Badges - Shirley, N7QHW
6. Building Maintenance - Bob, W7RXS, Ray, W7FKN
7. Christmas Party
8. Club Station Trustee - Rex, W7NP
9. Club Visitations
10. Contests
11. Education - Bill, W7GBC
12. Elmer program
13. Equipment Custodian - Jerry, W7BUN
14. Field Day - Brian, KA7KUZ, Mike, KB7ZDR, Mike, KB7QOP
15. Flea Market - Alan, KB7SVU
16. Generators - Mark, N7WGE
17. Grounds
18. Historian - Dick, W7RGD
19. Keys - Mike, KI7YB
20. Legal and Regulatory
21. Librarian - Russell, KB7UXK
22. Logger's Bark Editor - Kathleen, N0EYK
23. Logger's Bark printing - Shirley, N7QHW
24. Logger's Bark Labels - Dick, W7RGD
25. Logger's Certificates - Barbara, W7UYL
26. Long Range Planning Committee
27. Member' Pictures - Bill, N7TEQ
28. Membership - Bill, W7GBC
29. Mother's Day Breakfast
30. Museum Curator - Rob, K7TGU
31. Nominations and Elections
32. Open House Coordinator - Dan, KC7CUQ
33. Phone Committee
34. Program Chairman - Bill, W7GBC
35. Public Information and Relations
36. Public Service Events
37. Puyallup Fair Booth - Kathleen, N0EYK
38. QSL Manager - Susan, KC7AVS
39. Radio Officer (Station Manager) - Brian, KA7KU
40. Scholarship
41. Share-a-Ride
42. Technical Committee - Repeater - Mike, WB7DF
43. Traffic Handling
44. Transmitter Hunts
45. Tuesday Evening Net - Shirley, N7QHW
46. TVI and RFI
47. Volunteer Examiners Team Chairman - Jerry, W7BUN
48. W7DK Packet Bulletin Board - Jim, K7YLM
49. ARRL VHF/UHF Awards Manager - Bob, WA7OEU
50. ARRL HF Awards manager - Jerry, W7BUN

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AJ7Y

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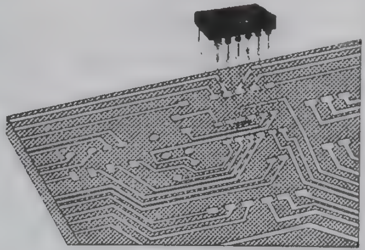


440 REPEATER

It's finally on the air! The feasibility testing of a 40 MHz repeater for the Radio Club of Tacoma on Sar Pole Hill is underway. Thanks to the generosity of A KC7DDA, we have his repeater located at the site. Ts way we can evaluate the site for coverage and cnpatibility. The repeater is operating on a frequency o 444.175 MHz with a plus 5 MHz offset. In other wrds, you listen on 444.175 MHz and transmit on 49.175 MHz. Although it isn't turned on at this time, a P of 103.5 Hz may be required during future testing. Te frequency being used for testing is coordinated to A so his call sign, KC7DDA is being used during the tet.

This repeater is a General Electric Mastr II UF model with an S-Com 7K controller which, other thn the difference in frequency, is the same as the configuration used on the Radio Club of Tacoma 147.28 MHz repeater. A TX/RX band-pass / band-reject duplexer is used with additional band-pass cavities on both transmit and receive. Around 20 watts of power is available at the 6 dB omnidirectional antenna which is located "on the fence" about 15 feet above the ground. This arrangement yields in the neighborhood of 80 watts of effective radiated power.

As this is being written, the receiver sensitivity is down a bit and we are working to improve that, but you still can get an idea of the coverage available from the site. Just listen to the signal during the period when the repeater ID is being transmitted or during the "hang time" just before the repeater drops. This will give you an idea of the signal quality which can be realized once the sensitivity problem is fixed. The test period will continue for about three weeks and then we must decide if the Radio Club of Tacoma wants to sponsor a repeater on 440 MHz.

Special thanks go out to Al, KC7DDA, and Rob, K7TGU, for their many hours spent in getting the repeater moved to the site and on the air. Try it out and let us know what you think.

73, Mike, WB7DFQ

Answer: Alfred Lewis Vail, the 30 yr. old assistant to the telegraph entrepreneur Samual F.B. Morse. Morse did make the first daguerrotypes in America.

MINUTES

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING MINUTES
FEBRUARY 28, 1996

The Radio Club of Tacoma meeting was called to order at 7:35 p.m. by President Mike Crawford, WB7DFQ.

SECRETARY'S REPORT: We received a thank you and hello note from Valerie Hirn. Kenwood has sent the club 26 world maps for those members who signed up during the viewing of the TS-870 promo video.

TREASURER'S REPORT:

GENERAL FUND CHECKING	$407.46
REPEATER FUND CHECKING	1,554.51
PACKET FUND CHECKING	500.00
FLEA MARKET CHECKING	525.00
MONEY MARKET SAVING	14,081.53
SCHOLARSHIP WORKING FUND	600.00
SCHOLARSHIP MEMORIAL FUND	2,688.53
CASH ON HAND	540.00
TOTAL ALL ACCOUNTS	$20,897.03

The Club has 318 members for 1996.

HEALTH & WELFARE Jim, K7YLM, reported that Ray's, W7FMC, youngest son died of cancer. Mike's, KB7VNT, sister Teresa is out ICU and is doing much better. Ron Chudy, WA7UQV, is out of the hospital where he was undergoing chemotherapy for 2 months. Don Murphy, N7AEJ, is home now with an oxygen bottle in tow.

PROGRAM: Harry, W7JWJ, gave a very professional musical and narrated slide presentation on the early history of communication. The presentation started before the recognition of electricity, through an extensive history of telegraphy and into our near modern radio transmitters.

RECOGNITION: Mike, WB7DFQ, wanted to give special recognition to the recipients of the Doc Spike Award which was presented at our Awards Banquet. The two co-recipients were JIm Kirkreit, K7YLM, and Brian Spindor, KA7KUZ. We thanked them for all their hard work with a raucous round of applause.

AROWS: The next meeting of the AROWS will be at Tressie's at noon with a gift exchange and healthy snack.

DK AT THE BEACH: Jim, K7YLM, reported that on April 8 we will hold at Owen Beach our first big event of the year. Bring your family, radio, favorite antenna and potluck container for a fun training session right on the beach.

MOUNT ST. HELENS, FIELD DAY, CLUBHOU Brian, KA7KUZ, stated that a training event will be at Jim's, K7YLM, house on March 16 to install an antenna. May 18 at Mt. St. Helens with a gatherin trailers and RV's will be provide another opportunit train with continuous HF and VHF operation on anniversary of the eruption. The next meeting, to held near the 1st of April, will determine the location and organization for Field Day. This year are 80 years old so on all of these events we include the suffix **/80** on our contacts. For exam WA7ASH/80 or W7DK/80 are appropriate.

HINTS & KINKS, TUNING & TRAFFIC: For th interested in getting the WAS award on 40 meters, reported on the low end of the general portion of band a daily net meets just to support that effort. Bri KA7KUZ, reminded everybody that the ARRL phone contest this weekend has club aggregate sc Please submit to the Secretary for submittal and to ing.

GOOD OF THE ORDER: Nora, KC7JME, and L KB7WDB, volunteered to give us support at our ta for the Mike and Key Swapmeet. The WWARA issued their new repeater directory. Please let Mi KI7YB, know If you would like to be included on the c group order.

CERTIFICATES: New members certificates w available for Bill, KC7OLY, Merrie, KC7IBJ, Pa KC7MKL, Duane, KC7OKP, Paul, KC7FYQ, Di KB8NPN, Scott, KC7OKN, John, KC7MKK. In additi 1995 achievement certificates were available to tho members who were not present at the awards banqu John, KB8NAU, Robert, KB7NVQ, Rich N7ANF, D N7AEJ, Alan, N7EAY, Russell, KB7UXK, Tom, W6Q Bob, KI7HW, Dan N7QWH, Art, AA7EO, Har N7DOE, Les, KA7MYU, Al, K7PUC, Hal, W7EC, Pe N7IRW, Margaret, KB7WYK, Don, K7QLC, Rog WA7ANJ, Frank, KG7HB, Ted, KC7CAX, Jea KB7SVX, Mac W7MSR, Mark KC7FAA, Rob K7TG Luis AA7WE, Al KC7DDA, Lou KB7WDB, Nor KC7JME, Tressie, KC7BAL , Alan, KB7SVU, Sta N7KMF, Eva, WB7QNS, Bud, KC7AVT, Rog K7AYC, Kathleen, N0EYK, Mike, KB7QOP, Rand KC7AVA, Janice, KB7UXO, Malcome, KI7RZ, Bo W7RXS, Larry, KC7YT, Barbara, W7UYL, Georg WA7BHH, David, WB7AUJ, Eric, N7EPD, Nic N7BCV, Dan, AJ7K, Willie, KA7NXK, Link, N7CE Tom, N7QHX, Shirley, N7QHW, Marilyn, AJ7BN, ar Don, AB7DS.

MARS: Lee, W6PZF, announced that the annual regic 7 MARS conference will be held April 27 and 28 Whidbey Island Naval Air Station. Those wishing participate contact Lee. There will be a busines meeting during the day and an awards banquet Saturday evening costing around $15-20.

DJOURNMENT: The meeting was adjourned at 8:18 M..
ttendance: 61
espectfully submitted,
ike Horbul, KI7YB, Secretary
adio Club of Tacoma

ADIO CLUB OF TACOMA, INC.
OARD MEETING MINUTES
arch 6, 1995

The Radio Club of Tacoma Board of Directors eeting was called to order at 7:34 p.m. by President ke Crawford, WB7DFQ. Eight board members and ur guests were present, representing a quorum.

ECRETARY'S REPORT & CORRESPONDENCE: nutes of the last board meeting were approved as nted in the ***BARK***. A letter was received from n-Tec on upgrades and forwarded to the Station nager Brian, KA7KUZ. A solicitation was addressed m Country Village with no future action. A letter from e Northern California DX group reporting their missi video will be addressed in new business.

REASURER'S REPORT:

ENERAL FUND CHECKING	$1,120.52
EPEATER FUND CHECKING	1,554.51
CKET FUND CHECKING	500.00
EA MARKET CHECKING	524.80
ONEY MARKET SAVING	14,081.53
CHOLARSHIP WORKING FUND	600.00
CHOLARSHIP MEMORIAL FUND	2,688.53
SH on HAND	316.00
TAL ALL ACCOUNTS	$21,385.89

ere are 339 paid 1996 members.

OMMITTEE REPORTS: **FLEA MARKET**: Mike, B7DFQ, has announced the appointment of Alan, K7SVU, as committee chairman for the Flea market. e are still looking for someone to be treasurer and an a sistant on this committee. Rental fee has been reased to $1,218.94 with only $200 returning from t years rental as a deposit. All tables will be $15 and not include admission. Admission will remain at $4. lyer with minor changes was approved for printing d will be ready for distribution at the Mike & Key Flea rket.

SECIAL NEW BUSINESS: Alex Braidwood, W7AZR, a ong time member of the Radio Club of Tacoma psented to the club a framed copy of the first operats license of Chester A. LaMont one of our founding mbers. Alex would also like to donate his tools to th Radio Club of Tacoma on the condition that a building could be built to put them in. Alex will also donate monetary funds towards this project. Mike, WB7DFQ, accepted the conditional donation for the Club.

MEMBERSHIP & TRAINING: Bill, W7GBC, stated the next class start's April 1. He requested some direction on promoting new membership and anyone with ideas should contact Bill.

CLUBHOUSE, FIELD DAY, : Brian, KA7KUZ, said that the rotor will be replaced March 23. The antenna for the museum will be repaired at the same time. The next meeting for Field Day will be held around April 1. We are looking for lots of members to participate in Field Day especially if they haven't operated at Field Day before. There will be opportunities for all class of operators to participate in this event. The committee members are promising a more open Field Day format.

MOUNT ST. HELENS: Ralph, KA7FIG, reported that the national monument is currently shut down on the Randle side. The KI7ZD group will be operating on the east side.

DK at the BEACH: Mike, WB7DFQ, requested that all board members set aside April 6 in order to participate in the event. The event is set up similar to past events.

REPEATER: Mike, WB7DFQ, reported that the 147.38 repeater lease application has still not been completed by the Dept. of Natural Resources. The test on the 440 repeater at Spar Pole Hill is waiting for opportunity of better access to the location. The test repeater is ready.

CLUB PROMOTION: Ralph said that Gene Dodge, W7BTV, has a number of old items and that we would contact Dick Ryan, W7RGD, our club historian to look over the items for inclusion into the museum or achieves. The club was incorporated in October 16, 1916. In order to celebrate this we will use the slant 80 suffix on our call signs. Alan, KB7SVU, said this is what a New Jersey club is doing this year which is just a few months older than the Radio Club of Tacoma. We would also like to invite Bud, WA7ASH, to be a participate at the site even if we need to send a representative from the club for transportation.

OLD BUSINESS: **BUDGET**: The new budget was approved as presented from our treasurer with the new adjustments from the previous board meeting. The motion was made by Ralph, KA7FIG, and seconded by Chuck, WY7V and approved by all board members present.

NEW BUSINESS: Jerry, W7BUN, made a motion to send $10 to the Northern California DX Association to cover the cost of the lost video. The motion was passed. Mike, WB7DFQ, will investigate how we can legally remove the vehicles that are being stored on the club's property. Jerry, W7BUN, brought up the low participation at the banquet where not even all of the new board members were present. The question is being asked is what do we need to change in order to increase participation. Russell, KB7UXK, asked that the packet station be moved into the cubby hole by the power panel. This was approved as long as it does not block access to the power panel.

ADJOURNMENT: The meeting was adjourned at 9 P.M..

Attendance: President Mike, WB7DFQ, Vice President, Bill W7GBC, Secretary Mike, KI7YB. Board members Russell, KB7UXK, Ralph, KA7FIG, Chuck, WY7V, Alan, KB7SVU, and Jerry, W7BUN. Guests Alex, W7AZR, Brian, KA7KUZ, Rick, N7YFE, and Al, KC7DDA.

Respectfully submitted,
Mike Horbul, KI7YB, Secretary
Radio Club of Tacoma

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING MINUTES
March 13, 1996

The Radio Club of Tacoma meeting was called to order at 7:30 p.m. by President Mike Crawford, WB7DFQ.

SECRETARY'S REPORT: We received a picture postcard from Maui showing Tom, N7QHX, and Shirley, N7QHW, having a fun time.

TREASURER'S REPORT:

GENERAL FUND CHECKING	$1077.35
REPEATER FUND CHECKING	1,554.51
PACKET FUND CHECKING	500.00
FLEA MARKET CHECKING	524.80
MONEY MARKET SAVING	14,184.67
SCHOLARSHIP WORKING FUND	600.00
SCHOLARSHIP MEMORIAL FUND	2,688.53
CASH ON HAND	635.00
TOTAL ALL ACCOUNTS	$21,764.87

There are 365 paid 1996 members.

HEALTH & WELFARE Bill, W7GBC, and Ben, K6VBC, reported that Phil, G4UFH, is back home from the hospital where he had some tests. He is improving.

PROGRAM: Hal, W7EC, presented an interesting technical talk on homebrewing. He showed some his work of an antenna match and mobile antennas utilizing innovative utilization of materials and self wound coils.

FCC: The FCC is delaying the vanity call signs so that they may review petitions brought before them. This was brought to our attention by Mike, WB7DFQ.

BARK: The deadline for the next issue of the bark is March 15 as Kathleen, NØEYK, our editor so dutifully reminded us.

MOUNT ST. HELENS: Ralph, KA7FIG, reported that our use permit has been tabled by the staff at monument due to the road conditions at the site. expect only about a week delay due to this. He ceived a call from a ham in Bellevue, Mark Sanc who would like to operate at Mt. St. Helens sum Those interested in joining him should contact Ralpl he can get you hooked up with Mark. We are looking for people with trailers and/or motorhomes. also need flaggers at the site.

DK AT THE BEACH: April 6 at Owen Beach. Re that special antenna for this event. The training for event and the upcoming Field Day is this Saturda Jim's, K7YLM, house with a new HF antenna ins around 10 am and the following Saturday at the cl house with a rotor replacement.

TRAINING: The next class for No Code Technician begin April 1, 6 PM at the clubhouse. Bill, W7GBC, a stated for the next meeting we are inviting all memb to bring in a home-brew project for display and disc sion.

HINTS & KINKS, TUNING & TRAFFIC: Ral KA7FIG, suggested caution in connecting mobile dios in cars with airbags. It is even more important th ever to follow good electrical rules of direct connect to the battery with fuses on both lines. Indirect fuse wiring increases the potential to initiate an airbag ployment from a transient. Mike, KB7ZDR, says tha has been brought to his attention that some Ra Shack HTX202 HT's have been found to lock in trai mit when the battery goes low and will stay locked until the battery goes dead. This is suspected in sor of the repeater lockups. WW2END is still in t process of putting out QSL cards. Uganda has be heard on 75 meters. Korea and the Virgin Islands ha been showing up. The low bands are still the favorit during this low sunspot activity. Newsline reported th the sunspots are at an all time low. Russell, KB7UX reported that the next shuttle is launching March 2 STS-76 will rendezvous with the Mir station and w promises of activity with hams on voice.

CERTIFICATES: Logger certificate for Stev KC7KAQ. New members certificates were available f Robert Collier Jr., KC7PLH, Les Uhrich, KC7KP Theresa Brand, KC7PLF, Karl Grote, KC7PAI, Denn Anderson, KC7OUY.

ADJOURNMENT: The meeting was adjourned at 8: PM.

Attendance: 52

Respectfully submitted,
Mike Horbul, KI7YB, Secretary
Radio Club of Tacoma

Who actually invented Morse code?
(Answer: Page 9)

Charter Member - Chester A. LaMont

At the March Board meeting Alex Braidwood, W7AZR, presented this framed certificate of a license *(Ed. note: See next page)* to Chester A. LaMont, 7CK, 7CX, W7ALM, Honorary and Charter Member of the Radio Club of Tacoma.

Chester was born in Walla Walla on November 25, 1898 and moved to Tacoma with his family as a child. As early as 1914 Chester had an Amateur License in telegraphy and joined with a group of men who began the RCT.

After many years with the SPS railroad Chet settled in Astoria and became a motion picture projectionist. He was a member of the Elks, Quarter Century Wireless, the American RRL and the Sunset Radio Club. After urviving two marriages Chet spent his last days in a nursing home in Astoria and died December 26, 1985. This nformation was taken from his records on file with our Club Historian Dick, W7RGD.

The Big Question?

The license shown does not indicate which of the calls he was entitled to use. It is interesting that the form as 191_ to fill in the date. We know that the US banned all forms of radio during the active involvement in WW1. Other histories of the northwest would indicate that this ban was only enforceable in large metropolitan areas of he east coast to protect the shipping lanes to Europe. It is questionable that high school kids in Tacoma would ave more than QRP home brews.

This license was issued three days after his eighteenth birthday with the proficiency of Good which might ndicate that he was indeed an amateur.

So the big historical question of when was the Club formed, started or chartered? This is the subject of he search. We'll keep you posted.

de Ralph, KA7FIG

☼ CYCLE 22 ISN'T OVER ☼

by Glenn Williams, AF8C

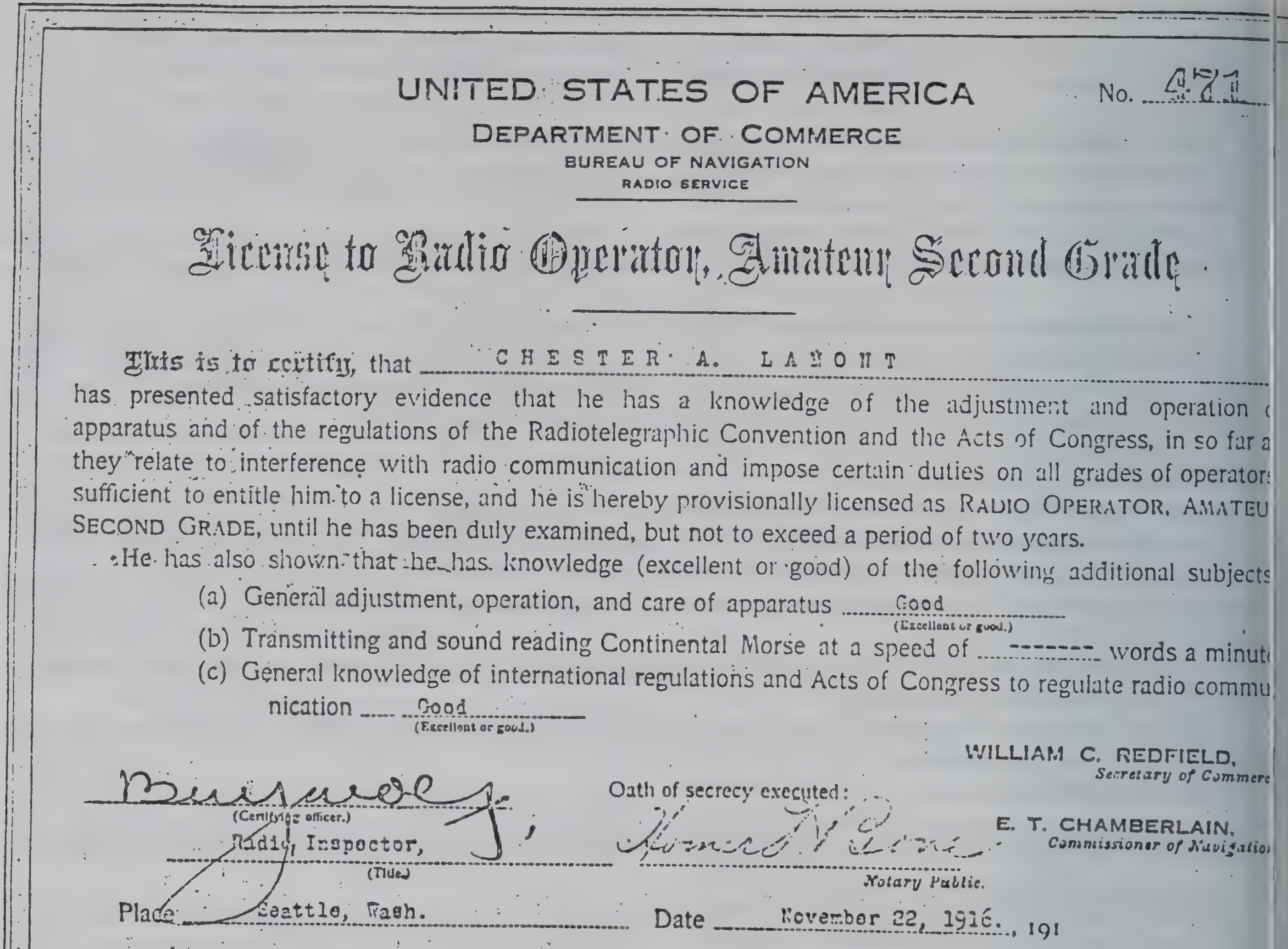
The Royal Observatory of Belgium, the world's official sunspot keeper, has revised its predicted ning of the end of Cycle 22 and the start of Cycle 23. The observatory has rescheduled the transition for ay '96, and stated that propagation will begin its upturn in September '97.

That means Cycle 23 should reach its peak years in 1999. On average, from the middle of the w-activity point, which signals the end of one cycle and the beginning of the next, it takes three years for olar flux to peak. Flux then typically stays relatively flat near the peak value for two years, before declining r six years.

So expect HF propagation to get even more rotten before it improves.

eprinted from the October 1995 "Amateur Radio News Service Bulletin", David M. Barton, AF6S, Editor. riginally published in the June-July '95 West Park Radiops (Cleveland, Ohio) "W8VM Log" —AF8C Editor

QST! In order to make thing a little less *taxing* on April 15th, I am extending the ***BARK*** deadline to Wed., April 17th. I will have the modem on starting the morning of the 17th unless I am using it for other things. Thanks for your timeliness. See you here next month! 73, NØEYK



UNITED STATES OF AMERICA

No. 471

DEPARTMENT OF COMMERCE

BUREAU OF NAVIGATION

RADIO SERVICE

License to Radio Operator, Amateur Second Grade

This is to certify, that CHESTER A. LAMONT has presented satisfactory evidence that he has a knowledge of the adjustment and operation apparatus and of the regulations of the Radiotelegraphic Convention and the Acts of Congress, in so far a they relate to interference with radio communication and impose certain duties on all grades of operators sufficient to entitle him to a license, and he is hereby provisionally licensed as RADIO OPERATOR, AMATEU SECOND GRADE, until he has been duly examined, but not to exceed a period of two years.

He has also shown that he has knowledge (excellent or good) of the following additional subjects

(a) General adjustment, operation, and care of apparatus Good
(Excellent or good.)

(b) Transmitting and sound reading Continental Morse at a speed of -------- words a minut

(c) General knowledge of international regulations and Acts of Congress to regulate radio communication Good
(Excellent or good.)

WILLIAM C. REDFIELD,
Secretary of Commerc

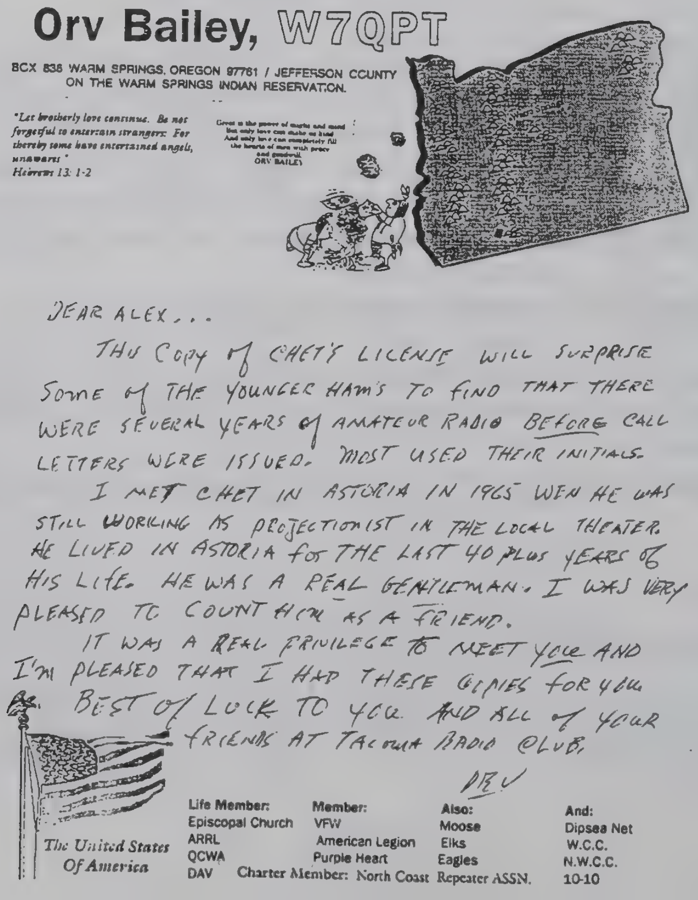
(Certifying officer.)
Radio Inspector,
(Title)

Oath of secrecy executed:
Notary Public.

E. T. CHAMBERLAIN,
Commissioner of Navigatio

Place Seattle, Wash.

Date November 22, 1916., 191



Orv Bailey, W7QPT

BCX 838 WARM SPRINGS, OREGON 97761 / JEFFERSON COUNTY
ON THE WARM SPRINGS INDIAN RESERVATION.

"Let brotherly love continue. Be not forgetful to entertain strangers: For thereby some have entertained angels, unawares."
Hebrews 13: 1-2

Great is the power of might and mind
But only love can make us kind
And only love can completely fill
the hearts of men with peace
and goodwill
ORV BAILEY

DEAR ALEX...

THIS COPY OF CHET'S LICENSE WILL SURPRISE SOME OF THE YOUNGER HAM'S TO FIND THAT THERE WERE SEVERAL YEARS OF AMATEUR RADIO BEFORE CALL LETTERS WERE ISSUED. MOST USED THEIR INITIALS.

I MET CHET IN ASTORIA IN 1965 WEN HE WAS STILL WORKING AS PROJECTIONIST IN THE LOCAL THEATER. HE LIVED IN ASTORIA FOR THE LAST 40 PLUS YEARS OF HIS LIFE. HE WAS A REAL GENTLEMAN. I WAS VERY PLEASED TO COUNT HIM AS A FRIEND.

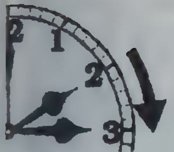
IT WAS A REAL PRIVILEGE TO MEET YOU AND I'M PLEASED THAT I HAD THESE COPIES FOR YOU.

BEST OF LUCK TO YOU AND ALL OF YOUR FRIENDS AT TACOMA RADIO CLUB.

ORV

The United States Of America

Life Member:	Member:	Also:	And:
Episcopal Church	VFW	Moose	Dipsea Net
ARRL	American Legion	Elks	W.C.C.
QCWA	Purple Heart	Eagles	N.W.C.C.
DAV	Charter Member: North Coast Repeater ASSN.		10-10



April 1996

W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 NOVICE/TECH Class Begins 6pm @ Clubhouse *April Fools Day* # NORA- KC7JME	2 147.28 NET 7:30 PM ----------------- # BILLY-KA7IQQ #'MIKE'- N7QNR #'STEF' KB7PKF #'TOM'- KB7VOO	3 Board Meeting Club House 7:30 pm. #'JEFF'-WB7NND # 'JIM'- WT7Y	4 # BARNEY-N7TFB # ORVAL-N7GSR #'DOT' MYERS # STEPHEN-KC7BUB	5 # CHARLIE-KB7UDG #'BILL' KI7YK #'JIM'- KC7HDQ *Good Friday*	6 *ANTENNA PICNIC* Owens Beach* 10am-4pm PINOCHLE/ POTLUCK Clubhouse 7pm *ARROWS MEETING* @ antenna picnic-Owens Beach # LLOYD-W7LUI # 'RICH'- NE7T
7 *Daylight Savings* 'MIKE'-KB7UXU TAM - KC7BAC KATRINA-KC7GQB *Easter*	8 #'BURT'-WA7QQK #DENNIS-KC7OUY	9 *LICENSE EXAMS* Club House 7:00 147.28 NET 7:30 PM ----------------- # HARRY-N7DOE	10 W7DK MEETING Library 112 St. E.& WALLER RD. 7:30pm #'DOUG'-KC7HII #'DICK'-WB7PYS	11 # BOB - WA7ZZA	12 #MILTON-N7ZWS *Japan Intrnl. DX Contest 20 & 10m *QRP Spring QSO Party -cw	13 # 'LEE'- W6PZF # 'DON'- K7DK # FRANK-KB7RYS
14 'HAP'- KB7UXD Japan Intrnl. DX Cont... QRP Spring QSO Part...	15 LOGGER'S BARK *DEADLINE* ARRL Spring Sprint 144MHz # 'JOE'- WZ7M	16 147.28 NET 7:30 PM ----------------- MVWS VE TESTS # JERRY -K7ETU #'BOB'- KB7SWW #STEPHEN-AB7HI	17 ARES/RACES MEETING -TACID 7:00pm #GERALD-KB7RXB #'JIM'- N7YFO	18	19 # 'BOB'- W7RXS # JOHN - N7FOW #ANDREW-KB7YTL	20 # GEORGE-N7KYM
21 'PAT'- N7CAK	22 LADIES PINOCHLE CLUB HOUSE 12:Noon #DOROTHY-KG7WG # JOHN-KC7PGG	23 ARRL SPRING SPRINT - 222 MHz 147.28 NET 7:30 PM ----------------- #CHANDLER-KC7BYZ	24 W7DK MEETING Library 112 St. E.& WALLER RD. 7:30pm	25 # 'BOB'- K7IND	26 # OWEN KB7UXP	27 Ft. VANCOUVER Hamfair & Swapmeet # 'BOB'- N7HXX #'DAN'- KC7MNY # SCOTT-KC7OKN
28 MERTON-KA7NRA 'ED'- KC7EAI	29	30 147.28 NET 7:30 PM ----------------- # 'TOM'- N7LTI # LARRY-KD6TKY #'ROD'- N7YQT				

Happy Birthday!

COMING EVENTS

APR 1 - New Novice/Tech Class Begins - 6 PM at the Clubhouse - Contact Bill Shimmin, W7GBC, 584-108

APR 3 - Board of Directors meeting - 7:30 PM - at the Clubhouse - all members are invited.

APR 6 - **W7DK at the Beach** Also **AROWS** will meet at the beach.

APR 9 - **License exams** at the Clubhouse - 7 PM

APR 10 - Club Meeting - Library Center - 112th & Waller Rd.
7:30 PM - Program: Stan Warburton, N7KMF "W7DK at the Beach" slide show

APR 12-14 - QRP Spring QSO Party - CW

APR 12-14 - Japan International DX Contest - 20-10 Meters

APR 15 - ARRL Spring Sprint - 144 MHz

APR 17 - ***BARK*** deadline

APR 23 - ARRL Spring Sprint - 222 MHz

APR 24 - Club Meeting - Library Center - 112th & Waller Rd.
7:30 PM - Program: Jerry Seligman, W7BUN "Benefits of ARRL Membership"

APR 27 - Ft. Vancouver Hamfair & Swapmeet

MAY 1 - ARRL Spring Sprint - 432 MHz

MAY 11 - Stanwood Flea Market

MAY 18-19 - Yakima Hamfest

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

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OGGER'S BARK
RADIO CLUB
W7DK
OF TACOMA

VOL. XXXIII NR. 5 W7DK MAY 1996

FROM THE PRESIDENT

VB7DFQ

Who helped you get on the air when you first got started in Ham Radio? Was it a parent, a sibling, or maybe a friend? Were you one of the lucky ones who had an Elmer who was a highly experienced member of the ham community and was therefore able to answer any question and solve any problem? Or er you one of those that just "Made it on your own"? egardless of how you started out, I think you will gree that Ham Radio can be a very intimidating ctivity for the beginner. I believe that one of the roles f the Radio Club of Tacoma should be helping a ewcomer get started out on the right foot.

"Aw, it ain't that tough today" you say, "why hen I started you had to build your own rig, tune up our transmitter, dip the grid and tune the plate, and hen zero beat with the receiver before you could even get on the air. Today you just lay down your credit card and push the on button." Well that may be true but hat is "offset", "which way", press M and select the equency to be exchanged within 3 seconds from the eyboard. What is DSP or PBT or split operation or ... I will bet that the average new ham with a handheld as more buttons to worry about that you had in your entire shack, even if you counted the ones on your shirt! And I haven't even mentioned "what do I talk about when I make contact with someone else?"

The point which I am trying to make is that nearly everyone coming into this activity today can use a little help. They may be too timid to ask or may be afraid to show their lack of knowledge around such experts as yourself, but they will appreciate a little help more than you will ever know.

At the next club meeting, Saturday open house, or special activity why don't you seek out someone who is new to our ranks and find out what they are doing in Ham Radio. See if you can help them with technical advice, operating tips, or maybe an equipment decision. By doing so you will contribute to someone else's understanding and enjoyment of our great activity and you will also be contributing to Ham Radio itself. And another thing, by planting the seed today sometime in the future you will be able to get them to explain TXDELAY, and PACLEN for you.

I would like to take this opportunity to thank all those who participated in DK at the beach with special thanks to Bud, KC7AVT, Jim, K7YLM, and Judy, AJ7R, for their efforts in organizing the whole thing. You all helped to make it a very successful activity.

73, de Mike

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PINOCHLE

2 gatherings each month

Pinochle & Potluck - 7PM
1st Saturday of the Month
Ladies Pinochle - 12 Noon
4th Monday of the Month
Both gatherings at the Clubhouse.

Radio Club of Tacoma License Exams

MAY 14, 1996

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.05. For information call:
Jerry Seligman, W7BUN 845-7652

RADIO CLUB OF TACOMA -- 1996

PRESIDENT	MIKE CRAWFORD	WB7DFQ	531-4789
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
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TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
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	RALPH FULLER	KA7FIG	582-5841
	CHARLES HICKS	WY7V	535-3696
	ALAN HUGHES	KB7SVU	840-4947
	JERRY SELIGMAN	W7BUN	845-7652
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	MIKE TREIT	KB7QOP	549-2399
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	SUE BALDWIN	KC7AVS	927-2351
COMPOSITOR	KATHLEEN NACE	NØEYK	862-8635
PUBLISHER	W7DK PRESS	N7QHW	265-3661

◆ ◆ ◆

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Modem or mail all articles to Kathleen Nace, NØEYK, 2812 204th Ave.Ct.E., Sumner, WA 98390. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.88 / .28 MHz	**144.97 - Packet**
147.98 / .38 MHz (pl 103.5)	**441.00 - Packet**

New Members

Jan Twardowski, KC7QFH RCT#1902
Signe Twardowski, KC7QFI RCT#1903
4115 N 39th St
Tacoma, WA 98407 752-8408

Jim Schock, KC7QBE RCT#1904
608 N Ainsworth
Tacoma, WA 98403 572-9043

John Hicks, KC7QFF RCT#1905
14101 10th Ave S
Tacoma, WA 98444 537-8316

Carl Klawuhn, KC7LBE RCT#1906
Alex Klawuhn, No Call RCT#1907
7201 190th Ave E
Bonney Lake, WA 98390 891-2122

Jana Sanders, KB7HIV RCT#1908
3118 Rustlewood Ln SE
Port Orchard, WA 98366 360-876-1399

Jill Stearns, KC7PSQ RCT#1909
Jason Stearns, KC7QHL RCT#1910
23416 35th Ave Ct E
Spanaway, WA 98387 846-1812

James W Kohler, WL7BOT RCT#1911
4822 Browns Pt Blvd NE
Tacoma, WA 98422 927-1747

Address/Phone Changes/Corrections

Eric Langlow, WA7GHE 473-0850

Dick Ryan, W7RGD 627-0922

Winnifred Williams moved - no forwarding address

Joe Bushnell, WA7BLE
Diana Bushnell, WA7BLF
Anthony Bushnell, KB7MPD
change city to Pacific Beach

Eric Thompson, N7IXO
Margaret Thompson, KB7WYK 846-9100

Patrick S Moore, KG7KM
6901 104th St E
Puyallup, WA 98373 848-5852

Herman L Jones, N8PSJ
9105 Davanport Rd
Anderson Island, WA 98303 No phone

Doug Payne, KC7HIJ
8410 143rd Ave Ct E
Puyallup, WA 98372 848-9576

James H Maloney, KF7FB
31914 3rd Pl SW Apt B
Federal Way, WA 98023-4695 Phone unknown

Bob Tilley, KB7NBQ Change Apt # to 110

Continued next page...

Ja es Gunderson, KB7WFX
751 192nd Ave E
Su ner, WA 98390-8589 Phone unknown

Ra dy Collier, KC7PLG
577 Comte Drive NW
Gi Harbor, WA 98335 851-7910

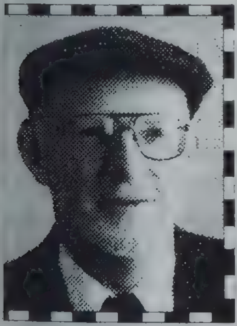
Ro Richards, N7ARO
PO Box 3034
Br merton, WA 98310 Phone Same

AMATEUR RADIO
Friendships around the world!

1995 Doc Spike Inspirational Award

Since 1974, the 'Doc Spike' Inspirational Award ha been presented annually to members of the Radio Cl b of Tacoma who through their enthusiasm, devotio and actions have done the most to promote an ateur radio, ensure the success of the club, and bet emulate the first recipient, Dr. Clifford J. Spike, W OS.

JIM KIRKREIT, K7YLM



K7YLM

Jim has shown great enthusiasm for amateur radio and the Radio Club of Tacoma. He has provided support to the club through his jubilant and unending enthusiasm for antennas which was evident by all those antenna articles he always had in hand. He has inspired the club to be active once again by starting many fine events throughout the year. Some of these have been W7DK at the Beach, W7DK at the Lake, picnics at Holiday Park with G NT antennas, Mt. St. Helens Special Event Station, W hkiakum County Special Event Station and the G in-daddy of all, 'The Missouri Event'. He has been th e when the club needed him and continued to be or of the most dependable Bark Party helpers we ha . However, he is best known for that huge mobile H antenna and pounding the key as he motors down th road.

BRIAN SPINDOR, KA7KUZ

KA7KUZ

Brian has shown great enthusiasm for amateur radio and the Radio Club of Tacoma. He has provided support to the club through his forever patient, calm and enthusiastic attitude in support of amateur radio. He also has worked with Boy Scouts to inspire them to be Amateur Radio operators. He has inspired greater club activity by participating in all events throughout the year. He has also sparked enthusiasm within the club to become more contest oriented and works with others to help them become more comfortable with contesting. The events supported have been W7DK at the Beach, W7DK at the Lake, picnics at Holiday Park with GIANT antennas, Mt. St. Helens Special Event Station, Wahkiakum County Special Event Station, 'The Missouri Event', and many contests throughout the year. We have a new carpet and paint in the museum and HF station due to the hard work and efforts of this person. He looks forward to a bigger and better Field Day event this year as the Chairman of Field Day.

Both of these leaders in the Radio Club have truly been an inspiration for other members and are indeed deserving of their awards.

Congratulations to Jim and Brian !!

ARES/RACES

N7QHW

It's spring once again and a very busy month is behind us but there are still more Public Service Events coming in the next few weeks. Volunteers are always needed to help support communications. Events to watch for are the Sound to Narrows Run in June and the Tour de Pierce bike-athon in July. If you can help, contact Judy, N7NII, at 847-5198 or Alan, KB7SVU, at 840-4947.

ARES also has a new Emergency Coordinator for Pierce County who is Alan Hughes, KB7SVU. Congratulations to Alan and welcome aboard.

EOC Training which was canceled for April 13, 1996 has been rescheduled for June 15, 1996. It will still be at the DEM office in the basement of the County-City Building and starts at 8:30 AM. If you want to attend, call the DEM office at 591-7470 or Alan, KB7SVU at 840-4947 to register.

The following article was printed in the W5YI Report Vol 18, Issue #7 on April 1, 1996. Thought this might be good information for all to know.

FEDERAL EMERGENCY MANAGEMENT AGENCY ISSUED SPECIAL AMATEUR RADIO CALL SIGNS

In response to an official request from the Federal Emergency Management Agency (FEMA), the Federal Communications Commission has issued eighteen call signs to be used by FEMA during emergencies. According to FEMA Frequency Manager, Paul Reid, N4EKW (General Class of Stephenson, VA), these call signs will only be used by FEMA Telecommunications Operations personnel to communicate directly with ARES (Amateur Radio Emergency Service), RACES (Radio Amateur Civil Emergency Service) and other amateur radio operators and/or networks during emergencies and disasters.

The need for these call signs came to light last year when FEMA found it necessary to ask for amateur communications network support during a serious hurricane.

Part 97 Rules (Section 97.401) makes provision for amateur stations communicating with non-amateur stations when normal communications are damaged or disrupted during a disaster. Furthermore, Section 97.407(c)(3) allows certain U.S. Government stations to communicate with RACES stations.

Amateur radio operators, however, most often fail to recognize the FEMA government call signs on the ham bands. During the recent weather emergenc some amateur radio stations even deliberately jamme the FEMA station believing that it was an unauthorize pirate station.

The FCC has now allocated the following ama teur call signs to the Federal Emergency Managemen Agency (P.O. Box 129, Berryville, VA 22611.)

KF1EMA - Region I, Maynard, MA
KF2EMA - Region II, New York, NY
KF3EMA - Region III, Philadelphia, PA
KF4EMA - Region IV, Thomasville, GA
KFSEMA - Region V, Chicago, IL
KF6EMA - Region VI, Denton, TX
KF7EMA - Region VII, Kansas City, MO
KF8EMA - Region VIII, Denver, CO
KF9EMA - Region IX, San Francisco, CA
KF0EMA - Region X, Bothell, WA
NF1EMA - FEMA HQ, Mt. Weather, Berryville, VA
NF2EMA - Federal Support Center, Olney, MD
WF1EMA - Maynard MERS Detachment
WF3EMA - MATTS
WF4EMA - Thomasville MERS Detachment
WF6EMA - Denton MERS Detachment
WF8EMA - Denver MERS Detachment
WF0EMA - Bothel MERS Detachment

One of these call signs (KF4EMA) was acc dentally assigned to a Cecil C. Perry of Black Mountai NC. He has now been reissued another call sig KF4HTN.

SPECIAL NOTICE

I received this notice from the Department Emergency Management in the mail just in time for thi months issue of the Bark. It is a memo from **Joh Shields, Sheriff/Pierce County** and is addressed t ***"All Non Commissioned Volunteer Search an Rescue Personnel"*** regarding **Firearms/Alcoh Policy.**

It shall be the policy of the Pierce Count Sheriff's Department that the carrying, display of, c discharging of any firearm, by any Non commissione Volunteer Search and Rescue Worker, during searc and rescue operations, is prohibited.

It shall also be the policy of the Pierce Count Sheriff's Department that the possession, or consump tion of any alcoholic beverage during search and res cue operations is prohibited.

Training missions where a state mission num ber has been obtained are included in the definition Search and Rescue operations.

Violation of these policies may result in suspen sion or termination from the search and rescue pr gram.

73 Shirley, N7QHW

W7DK HF STATION

KA7KUZ

Here it is the first of May and things are moving at such a fast pace I can barely keep up. The next few months are going to be filled with many exciting and challenging activities. Now is the time to develop skills in mobile radio operations, electronics, and contesting. We also should not forget that these events promote camaraderie and the fostering of the amateur radio hobby. **Be a part of these events, learn something, and most importantly have fun!**

Mt. St. Helens: From May 17th through May 19th, the Radio Club of Tacoma will be operating from Cold Water Ridge at Mt. St. Helens. The initial convoy of equipment and RVs will leave the clubhouse on the 17th by 10:30AM. We will proceed directly to the site and set up the generators, RVs, and antennas. As soon as the antennas are set up we will begin operating. Radio operations will continue until Sunday morning when we tear down and head for home. **All club members and non-club members are welcome to participate in all phases of this event.**

Because of the way our site permit is structured, we are limited to 20 vehicles on the site and not more that 50 visitors at one time. The reason for this is that the state patrol wants to limit the number of vehicles entering and exiting the freeway. We are allowed up to 20 vehicles on site which are to consist of the RVs to operate out of and vehicles used to haul equipment. If you want to be a part of the initial convoy or one of the RVs to operate from you may park on the site. If you want to come up for the day on Saturday we are asking you to continue past the site and park at the visitors center. When you approach the site call on [illegible]4.52 and we'll send the shuttle to get you. Because we are limited to not more than 50 people on the site, I will need to know who will be attending. If you plan on attending, contact me or Ralph, KA7FIG, and let us know the times you will be at the site. This will help us stay close to the 50 person target.

For an all in all good time, this event can't be beat. We will be operating on several repeaters (see Ralph's article this month), VHF SSB and FM from the site and from the summit of Mt. St. Helens, and the good old standbys of HF SSB and CW. A 6-meter sprint contest is scheduled during the same period we will be at the mountain, which should make 6 meters at the site very interesting. One thing I would like to try from the site is slow scan TV. If you've got the equipment and the talent, please contact me. If you're looking for the opportunity to just be with some fellow hams and have some fun this event will be absolutely great. Come on out and be a part of the event!

Field Day: Well, I wish I had better news about the site but I don't. Jerry, W7BUN, Ralph, KA7FIG, and Dan, N7QWH, are giving it their best and we should have a site by mid May. The preparation for the contest operation is going well and, if you want to work at one or several of the stations, you should contact the following individuals:

160 CW	Morel Guyot, AB7KA	838-5433
160 Phone	Worth Gurley, W7WG	582-3844
80 CW	Mike Treit, KB7QOP	549-2399
75 Phone	Jerry Seligman, W7BUN	845-7652
40 CW	Morel Guyot, AB7KA	838-5433
40 Phone	Dan Kelly, N7QWH	535-2622
20 CW	Eric Olson, N7EPD	564-7714
20 Phone	Shirley Murphy, N7QHW	265-3661
15 CW	Mike Treit, KB7QOP	549-2399
15 Phone	Alan Allen, N7EAY	475-7413
10 CW	*Position Not Filled*	
10 Phone	Les Fries, KA7MYU	537-5390
VHF	Chuck Hicks, WY7V	535-3696
Novice	Jay Skeer, KB6WCT	858-3406
Packet	Russell Foster,KB7UXK	473-6614

The station heads have the responsibility of making sure there are operators at the station throughout the duration of the contest which includes during meal times.

Something different this year will be the use of incident commanders. Mike, KB7ZDR, will be the incident commander during set up and take down. During the contest the incident commanders will be Mike, KB7QOP, Shirley, N7QHW, and myself. The incident commanders are not there to solve your problems but rather to get the resources and people to get your problem resolved. Keep in mind the incident commander has the final word in resolving a problem. Also this year, we will be computer logging all stations. The hope here is that duping at each station will be easier and we will be able to get a final score within an hour after the contest. One last thing to keep in mind is the potluck dinner. Please contribute and we'll be sure to have a very good potluck.

We will meet again on June 8th at 11 am at the clubhouse to discuss remaining issues and to test the antennas and generators. Your attendance at this meeting is important to get the last minute details and make the set up of equipment much smoother.

Montana: The Glacier-Waterton hamfest is July 19 through 21. I am planning to take a group there, departing the morning of the 17th. We will stay at the hamfest at least through the 21st and maybe longer to see Glacier National Park. From there we will work our way north to the Northwest Territories to look for a DXpedition site for the summer of 1997. The entire trip could last until August 10th depending on the sights and the group's desires. I have the application for the hamfest if you are interested in attending. This promises to be a fun time and you'll get to see some of the prettiest parts of the country.

Hold on folks, the summer fun is just beginning! Come on out and join the fun!

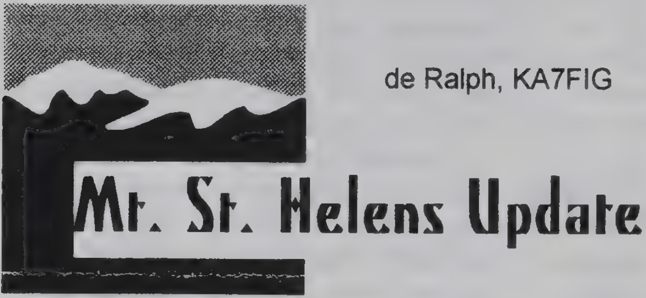
73, Brian, KA7KUZ

LOGGER'S BARK SUBSCRIPTION

Please send all new and renewal subscriptions for the *Logger's Bark* to:

Shirley Murphy, N7QHW
161 Maple Lane NW/Raft Island
Gig Harbor, WA 98335-5949

Subscription fees are $7.00 each year. Check your address label to see when your subscription expires. Names will be removed from the mailing list upon expiration so renew early. If you are too far away to join the club but are interested, sign up for a subscription to the *Logger's Bark* at just $7.00 per year.



Mt. St. Helens Update

de Ralph, KA7FIG

WA7ASH/80 Countdown
The Membership Goes To The Monument

For the second time in the last two years, W7DK is going to bring the world to the Mt. St. Helens Monument to celebrate the anniversary of the May 18th, 1980 eruption. This is one of the few activities such as Field Day and special events like DK at the Beach where there is enough room to hold the membership.

Friday: This is set up day. If you plan to help move our equipment from the garage to the mountain, you need to make arrangements with Brian, KA7KUZ, or Alan, KB7SVU, or Mike, KB7ZDR. There should be no traffic problems on the site with either personnel or vehicles. There is a gate at the entrance to the site which must remain closed, but we have lots of volunteers to monitor the opening and closing.

At this writing, we still are in great need of motor homes and/or trailers as our radios must be enclosed. We have the entire site to work with so if you have an empty RV and are not working that weekend, please volunteer.

Saturday: Our Use Permit limits the number of persons on the site to fifty. So if you plan to operate, and every Club Member is welcome to operate as we will have lots of positions available, you need to register with Brian, KA7KUZ, so he can get you set up in the general schedule to maximize the radio operation time. We would ask that you call gate security on 146.52 simplex between mile markers 39 and 40 to get directions regarding site access. You may be asked to continue up to the Cold Water Ride Visitor Center North Parking Lot, where you should park close to the entrance in the pet walking area. We will shuttle you from there down to the site.

Sunday: Radio operations may be on the air part of the morning before the tear-down-put-away begins. (Ed. Note: Help is always needed at the end too!)

General Information: The Visitor Center is on a limited weekend schedule. The tourist facilities will be open for information, food, restrooms etc. When you are not on the Castle Lake Site, you are encouraged to explore all the visitor activities from boating and fishing on Cold Water Lake to taking a nature hike. We owe our selves some good weather!

Repeaters: We hope to keep open BAW-FAW. 147.06, Capital Peak 145.47 and Crawford Mountain, 147.38 for WA7ASH contacts. We are in the process of looking for an accessible 444.00 repeater also. Mike Sandler, KC7JHZ, has a summit permit and may be found on all modes in the UHF-VHF spectrum. His time will be very limited so you might scan for this rare DX.

Housing: There are a number of off road parking areas such as the 3100 RD not on Monument property. There are also several campgrounds on St. Rt. 504 and several motels in East Castle Rock. I hope to see you all there. Bring your woollies and maybe we'll get seventy-five degrees like Easter Sunday!

Amateur Radio Exams

he Puget Sound Region as of January 15, 1996

1s **Tuesday** - 7 PM - **Puyallup** Fire Station, 128th St. one block west of Meridian, Puyallup - Contact Mike Horbul, KI7YB, 845-2545.

1s **Thursday** - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 481-2361, Bothell

1s **Saturday** - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, **Kent** - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

2n **Tuesday** - 6:30 PM - **Everett** - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2n **Tuesday** - 7:00 PM - Radio Club of **Tacoma** Clubhouse - Contact Jerry Seligman,W7BUN, 845-7652

2n **& 4th Thursdays** - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2n **Saturday** - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3r **Tuesday** - 7 PM - **Auburn** - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3r **Saturday** - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3r **Saturday** - 1 PM - **Renton** - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3r **Saturday** - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3r **Saturday** - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave - next session - May 20 - Contact Nick Bender, NX7W, 249-4671, Montesano

4t **Tuesday** - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4t **Wednesday** - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4t **Saturday** - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

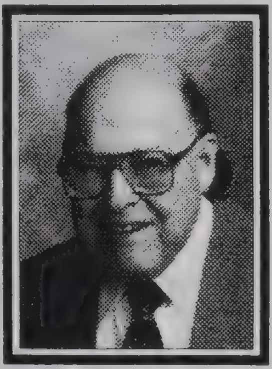
4t **Saturday** - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

S**niannually** - Saturday - 9:30 AM - **Olympia** - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

Plase send updates to: Jerry Seligman, W7BUN, 12306 8h Ave East, Puyallup, WA 98373 - Phone: 845-7652

❖NEWS FROM ARRL❖

de Jerry, W7BUN



W7BUN

Hams operating in Georgia may use special call signs from April 15 until August 31, 1996, to commemorate the 1996 Olympic games. Amateurs operating in Georgia with a "4" in the call sign may replace the number in their call sign with "26" (commemorating the 26th Olympiad), or "96" (representing the year), or add "00" to any call sign (to mark the centennial year of the Olympic games). So WA4XYZ operating in Georgia could identify as WA96XYX, WA26XYZ, or WA400XYZ. K7ABC operating in Georgia could identify as K700ABC.

Solar observers note that solar activity remains very low. The sunspot count was zero on March 30 and 31 and is expected to remain very low for the next several months. Spring of 1998 should show the solar activity rising rapidly. The next cycle is projected to peak near the turn of the century --- in August 2000.

Astronaut Shannon Lucid is a member of the MIR space station crew for the next four months. The Russians have approved her use of the MIR radio on 2 meters, with the call sign of N0MIR. Look for her on 145.55 MHz FM simplex.. QSL cards are to be sent to N6JLH, P.O.Box 1501, Pine Grove, CA 95665. Be sure to include a business-sized SASE.

The FCC says it cannot resolve most of the thousands of complaints of interference to TVs, radios, stereos, and telephones "because the cause of this interference is the design or construction of these products and not a violation of any FCC rule. Involving manufacturers and dealers in the interference resolution process should provide the opportunity and incentive to protect their products through consumer service." The Commission emphasized that it will take appropriate action when interference is caused by violations of its rules or policies.

Governor Lowry has declared the week ending with Field Day, June 17-23, as Amateur Radio Week in the state of Washington. The proclamation calls upon all citizens to give honor and recognition to radio amateurs who so willingly serve in the time of emergency, state-wide or worldwide.

On March 29, Congressman Bill Baker (R - CA) introduced "HR-3207, a bill to amend the Communications Act of 1934 to facilitate the utilization of volunteer resources on behalf of the Amateur Radio Service." This bill provides liability protection for amateurs engaged in the Volunteer Examiner program and the

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AJ7Y

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Your Ad Could Be Here!

Contact Shirley, N7QHW at 265-3661 for more details.

Amateur Auxiliary to the FCC. It declares that amateurs engaged in these activities are considered federal employees and protects them from frivolous lawsuits while doing their jobs. There are only 23 co-sponsors, only one from this area, Representative Norm Dicks (R - WA 6th district). It is important to get as many co-sponsors as possible in order for the bill to have a good chance of passing. ALL AMATEURS are urged to write their Congressional Representatives and ask them to sign on as co-sponsors of the bill.

Do You Remember When...

- ...Doug, AJ7Y, was President of RCT?
- ...Phil, G7UFH, first called the W7DK BBS from England?
- ...Don, K7QLC, was first elected County Clerk?

de Jim, K7YLM

❋ FROM THE BARK 20 YEARS AGO ❋

MAY 1976

de W7BUN

The club has 120 members plus 6 Honorary and 7 Special members. A lot of work and energy has bee expended towards getting the club's repeater, WR7AHD, on the air. It should be ready soon. After a long searc for a Field Day site, a water-side location near Longbranch has been found. Our fire works stand this year will b located on Pacific Highway South ("old 99") at the Kent- Des Moines exit from I-5. The winter theory class ende after 27 sessions - 50 students began and 40 completed the course. Roy Devish, W7AZI, will be serving hi special Mother's Day hot cakes at the club's Mother's Day breakfast

21 RCT members were counted at the Skagit Hamfest at Bryant, WA, out of the 350 attending. Many too advantage of the trip to Jim Creek, the Navy's million-watt low-frequency transmitter. It was voted at an RC meeting not to have a program by CBers telling their story. The FCC received 664,000 CB license applications i June. The Woman's Auxiliary held a successful skating party.

❋ ❋ ❋ ❋ ❋

RADIO CLUB OF TACOMA

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1996 BUDGET

Our current bylaws require that the Treasurer proose a budget for Board approval and that the aproved budget be published in the Logger's Bark. Th bylaws also call for the Board to manage expendituს within that budget.

The following is the 1996 Budget. If more detail is esired than is printed here, you may contact any mmber of the Board as they each have a copy of this buget and are provided monthly reports on our expendires as related to the budget.

INCOME	
Dues	$7,602.00
Commissions	650.00
Bark	335.00
Donations	1,725.00
Sales	500.00
Fund Raiser	7,500.00
TOTAL	$18,312.00
EXPENSES	
Clubhouse	$950.00
Education	1,000.00
Events	4,325.00
Fees	95.00
Generators	175.00
Insurance	1,005.00
Museum	150.00
Office	3,235.00
Packet	200.00
Postage	1,050.00
Radio Station	600.00
Rent	824.00
Repeaters	200.00
Taxes	1,950.00
Telephone	750.00
Utilities	1,500.00
TOTAL	$18,459.00

Shirley, N7QHW
Treasurer, Radio Club of Tacoma

ditor's Notes

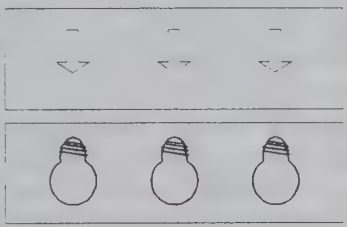
de N0EYK

As I write today, the latest 'pineapple express' is dumping rain on us again. Roger is kind to remind me that it could be snow! Let's hope that all this rain DOES bring May flowers and that May 18th on Mt. St. Helens is blessed with sunshine! Be sue to get in touch with Brian, KA7KUZ, if you intend to paticipate in WA7ASH/80.

In spite of a wet day, 'W7DK at the Beach' looked ik it had a good turnout, with lots of food, antennas, cotacts, and story telling.

Keep up the good work everyone! 73, Kathleen

Logger's Puzzler



There are two rooms. One room has three single-pole single-throw switches (standard on/off switches) in it and the other room has three 100 watt light bulbs in lamps wired to the three switches. There is no special wiring. You can't see into either room from the other. Each switch controls one and only one of the lamps. You need to figure out which switch controls which lamp. You start in the switch room and you may only make ONE visit to the lamp room. How do you do it? Answer next month.

MINUTES

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING MINUTES
March 27, 1996

The Radio Club of Tacoma meeting was called to order at 7:30 PM by President Mike Crawford, WB7DFQ. Pete, KC7IBI, was present and had recently upgraded to Advance.

SECRETARY'S REPORT: Received flyers for the following hamfests: Fort Vancouver, April 27, Stanwood-Camano ARC, May 11, and Yakima, May 18 & 19.

HEALTH & WELFARE Bob, KG7SM, reported that Lysle, KB7RBV, had knee replacement surgery today.

PROGRAM: Bill, W7GBC, introduced the program for the evening as a showing of home brew projects. These people presented: Jerry, W7BUN, speech processor and transceiver kits, Roy, KA7X, with a power supply, keyer, probe and TV transmitter, Hal, W7EC, on antennas, Jean, KB7SVX, with an RDF antenna, Ben, K6VBC, with an 80-meter receiver out of QST, Mac, W7MSR, with a power supply test load, Dan, KC7KAN, with a dipole antenna and battery pack from surplus parts and John, N7JFM, with an aircraft intercom and vox control. Thank you all for this unique program.

ARES: Shirley, N7QHW, told of some upcoming events: April 13 is M. S. walk, April 20 is the Daffodil Parade, April 27 is the March of Dimes walk. Contact Judy, N7NII, at 847-5198. DEM is looking for help to operate a booth at the Spring Fair. Call Richard or Tom at 591-7470 to volunteer. For more information contact the new Emergency Coordinator Alan KB7SVU.

AROWS: Tressie, KC7BAL, reported the next meeting will be at Owen Beach on Sat., April 6 where the AROWS group will help out with the food, as well.

BARK: Bark party will be Friday, April 29th, 10:00 AM at the club house.

DK AT THE BEACH: Bud, KC7AVT, our beach Event Chairman, reminded us DK at the Beach is April 6 at Owen Beach. Bring that special antenna for this event, an appetite and something for the potluck.

FIELD DAY, MOUNT ST. HELENS, CLUBHOUSE, : Brian, KA7KUZ, reported that the antennas are repaired at the clubhouse with the new rotor on the beam. Thanks, Mike, KB7ZDR.This is just in time for the CQ WPX contest that starts at 8 AM Saturday morning. On April 20th at 11 AM there will be a planning meeting at the clubhouse concerning Field Day and the Mt. St. Helens event.

TRAINING: The next class for No Code Technician will begin April 1st at 6 PM at the clubhouse.

FLEA MARKET: Chairman Alan, KB7SVU, is lookin for lots of help for the Aug. 10 flea market.

He also pointed out that during ongoing emergency operations, please check in on the net and le the control operator know that you are available.

REPEATERS: The 440 test repeater is up and runnin on Spar Pole Hill. Thanks to Al, KC7DDA, for the loa of his repeater equipment for the testing period. Th frequency is 444.175 with a plus offset. It is currentl without tone but the coordinated tone is 103.5.

HINTS & KINKS, TUNING & TRAFFIC: Tressie KC7BAL, brought up repeater courtesy. Please liste before modulating. Worth, W7WG, heard some positive comments on the club and passed them or David, KC7OKQ, inquired about reinstalling a glas mount antenna. Bud, KC7AVT, thought that rear vie mirror cement should work and the cost is cheap. Ha W7EC, and Bob from Yelm had a recent three wa conversation with vacationing Don, AB7DS, in Arizon when a 747 Airline pilot over the Pacific joined th conversation. KA7KUZ picked up C56DX in Gambi on a recent afternoon.

CERTIFICATES: New members certificates wer picked up by Theresa Brand, KC7PLF, Karl Grote KC7PAI, Dennis Anderson, KC7OUY. Also, certificate were available for Robert Collier Jr., KC7PLH, Le Uhrich, KC7KPE.

GOOD of the ORDER: Looking for net control operators for the Tuesday night net at 7:30 PM.

ADJOURNMENT: The meeting was adjourned at 8:3 PM.

Attendance: 72

Respectfully submitted,
Mike Horbul, KI7YB, Secretary

RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
April 3, 1996

The Radio Club of Tacoma Board of Director meeting was called to order at 7:26 PM by Preside Mike Crawford, WB7DFQ. All board members wer present, representing a quorum. There were also guests present.

SECRETARY'S REPORT & CORRESPONDENC Minutes of the last board meeting were approved a printed in the Bark.

TREASURER'S REPORT:

GENERAL FUND CHECKING	$1,405.36
REPEATER FUND CHECKING	1,571.51
PACKET FUND CHECKING	500.00
FLEA MARKET CHECKING	959.42
MONEY MARKET SAVING	13,184.67
SCHOLARSHIP WORKING FUND	600.00
SCHOLARSHIP MEMORIAL FUND	2,688.53
CASH on HAND	10.64
TOTAL ALL ACCOUNTS	$20,920.13

There are currently 387 paid 1996 members.

COMMITTEE REPORTS: **FLEA MARKET, ARES**: Alan, KB7SVU, as committee chairman for the Flea market, discussed the policy on limiting helpers at tables as printed on the flyers. It was clarified that a maximum of two helpers and the seller at one table for a total of three. We are still looking for someone to be an assistant on this committee.

EOC training on April 13th at 8:30 AM at the Dept. of Emergency Management office in the City County building. The Daffodil Parade is coming up April 20th. It was passed on from the EOC that under no circumstances should any ARES participant carry any weapons at events.

MEMBERSHIP & TRAINING: BILL, W7GBC, requested information from the club member applications. Ralph, KA7FIG, requested we check with Dick, WRGD, about information on club members that he keeps as club historian. Mike, WB7DFQ, said he would check with Dick. Monday, April 1st, was the first night for the Novice class with only 6 participates signing up. Jerry, W7BUN, stated he would like to have an Extra class before the questions get harder this July but, there is a lack of people signing up. He is currently holding an Advanced class.

CLUBHOUSE, FIELD DAY, MOUNT ST. HELENS : Brian, KA7KUZ, said that Judy, AJ7R, worked the WPX contest last Saturday at the clubhouse. The next meeting for Field Day and Mt. St. Helens will be held April 20th at 11 AM. The Washington State Patrol has requested that we limit the people at the Mt. St. Helens site to 50 people. Last year we had about 37 members participate. Eight people have signed up for traffic control at the site.

D at the BEACH: April 6th at Owen Beach.

REPEATER: Mike, WB7DFQ, reported that the test on the 440 repeater at Spar Pole Hill is up and running.

CLUB PROMOTION: Chuck, WY7V, brought up that we still need a club greeter. We need more activities for Techs, articles in the bark, and operating events on repeaters or fox hunts.

OLD BUSINESS: **BUDGET**: Flea market funds are available. Jerry, W7BUN, would like for someone else to be library liaison which entails reserving the meeting room(s) at the library administration building.

NEW BUSINESS: The board approved allocation of up to $200 for the training session refreshments at Owen Beach. Ralph, KA7FIG, made a motion for two honey buckets at $300 total for the Mt. St. Helens expedition. Chuck, WY7V, seconded the motion. It passed with a majority vote. The repair of the rotor ran more than expected due to the replacement of the rotor cable. Jerry, W7BUN, made a motion to approve additional funds with Chuck, WY7V, seconding the motion. The motion passed. The old rotor will be sent out for repair for use as a field day unit. Shirley, N7QHW, proposed that we cancel call forwarding and sign up for US West voice messaging service for $6.95 per month. Ralph, KA7FIG, seconded the motion which passed. The board approved sale of a Drake R4 radio setup to Brian, KA7KUZ, for $350. Danny, KC7KUQ, presented a project to the board which he is working on from Amtech. He felt it was a good quality transceiver kit that can be set up on 20, 40 or 80 meters. The board appreciated this information and felt that this type of kit building was a good idea.

The flea market does not have anyone to do the food. The AROWS Club does not have enough people to support the project. We feel the food booth is a good money maker and we need to find people to operate it. Correspondence was read from Buckmaster requesting photos from the club for free CD-Roms. The board felt it was not a good idea. A large donation of equipment which, is currently in a storage locker, was received from the estate of Bob, KB7TL. Chuck, WY7V, made a motion to cover the $72 storage fee and Alan, KB7SVU, seconded the motion. It passed. The donation is being inventoried by Brian, KA7KUZ, and Mike, KB7ZDR. Mike, WB7DFQ, presented a proposal and budget for a new 440 repeater on Spar Pole hill. Ralph, KA7FIG, made a motion to approve the proposal/budget and Shirley seconded. The motion was passed by the board and will be presented at the next regular club meeting. The auto patch code will be changed May 1st. It has not been selected yet. Jerry, W7BUN, brought up that the cars being stored in our parking lot are still a problem and the graffiti is still on the garage. Keys have been requested for Chuck, WY7V, and Alan, KB7SVU. Mike, KB7ZDR, will be committee chairman of club equipment for inventory and assessment.

ADJOURNMENT: The meeting was adjourned at 9:25 PM.

Attendance: President Mike, WB7DFQ, Vice President Bill, W7GBC, Secretary Mike, KI7YB, Treasurer Shirley, N7QHW. Board members Russell, KB7UXK, Ralph, KA7FIG, Chuck, WY7V, Alan, KB7SVU, and Jerry, W7BUN. Guests: Al, KC7DDA, Brian, KA7KUZ, Tressie, KC7BAL, Rob, K7TGU, Mike, KB7ZDR, Art, AA7EO, Danny, KC7CUQ, and Kathleen, NØEYK.

Respectfully submitted,
Mike Horbul, KI7YB, Secretary

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING MINUTES
April 10, 1996

The Radio Club of Tacoma meeting was called to order at 7:30 PM by President Mike Crawford, WB7DFQ. John Hicks, KC7QFF, and Jan Twardowski, KC7QFH, announced their new calls. John Black, AB7OJ, had recently upgraded to Extra.

The treasurer, Shirley, N7QHW, reported we had 399 paid members.

HEALTH & WELFARE: Jerry, W7BUN, informed us that Ron Chudy, WB7UQV, is still in the hospital.

PROGRAM: Bill, W7GBC, introduced the program for the evening which was a slide show of 'W7DK at the Beach' by Stan, N7KMF.

ARRL: Harry, W7JWJ, reported that the Seattle Department of Emergency Management is forming an auxiliary communication unit made up of RACES and ARES members. He also addressed issues of the newcomers to ham radio and the problem of declining ham club and ARRL membership.

Mary, W7QGP, stated that the club's Special Service papers have been sent in and that paperwork has been slow since a change in personnel from last January.

BARK: Kathleen, NØEYK, reminded us that the deadline is April 17th.

FIELD DAY, MOUNT ST. HELENS, CLUBHOUSE : Brian, KA7KUZ, reported that the antennas are repaired at the clubhouse with the new rotor on the beam. The new rotor is a Hygain Tailtwister and has new rotor cable also. April 20th at 11 AM there will be a meeting at the clubhouse about Field Day and the Mt. St. Helens event. The State Patrol has requested we limit our number to 50 persons at the Mt. St. Helens site. Brian also brought a Vibroplex bug from Bob's, KB7TL, estate to be transferred to the club's Antique Wireless Museum.

TRAINING: The next class for Advance will begin Thursday April 18th and we are still looking for people to sign up for an Extra class. Please contact Jerry, W7BUN on either of these

AROWS: Tressie, KC7BAL, the next meeting will be at Marilyn's, KJ7BN, but, the date has not been set.

FLEA MARKET, ARES: Alan, KB7SVU, announced that Tammy Field will be public relations coordinator again this year and Lorna, KB7YTJ, will be the treasurer. Alan is still looking for an assistant.

Alan also reminded us to check our DEM cards to be sure they haven't expired. Contact Alan or the Department of Emergency Management if you need to renew. At the last ARES/RACES board meeting there was a discussion about power supplies and antennas at the three main zone headquarter fire stations. Events coming up are the MS walk on April 13th, the Daffodil Parade April 20th in Puyallup and Orting, and the March of Dimes walk April 27th. Alan requested at least eighteen people to work the Sound to Narrows run on June 8, as they are expecting around 6,000 runners in the military classification alone. There is a Pierce County volunteer banquet Saturday April 27th at the Tacoma Dome Convention hall from 10 AM to noon. Reservations required. Call 597-7900, ext. 5875, weekdays. The EOC training has been canceled for April. The next training session will be June 15th.

REPEATERS: The 440 test repeater is up and running on Spar Pole hill with a frequency of 444.175 with a plus offset. The **autopatch code will change May 1st.**

NEW BUSINESS: Mike, WB7DFQ, explained the proposal for a new 440 repeater on Spar Pole Hill. The generous grand total is $2279, with $1000 coming from the repeater fund and the remainder from the general fund. Tom, N7QHX, made a motion to accept the proposal for the new repeater for Spar Pole Hill. It was seconded by Mike, KB7VNT. The motion carried with one dissenting vote. A quorum was present. There are no plans for autopatch at this remote site at this time.

HINTS & KINKS, TUNING & TRAFFIC: Jan, KC7QFM, brought copies of his schematic for his bicycle powered transceiver which he displayed at DK at the Beach. Rich, N7ANF, talked about refurbishing a 6 meter radio. Mike, WB7DFQ, recently purchased some Motorola brick radio manuals. He stated these were the last printing and were still reasonably priced. Russell, KB7UXK, Brian KC7KUZ, and Bob, N7QOZ, have been making the DX trip lately to Galapagos Island, Russia, Estonia, P29MO in New Guinea, Macedonia, and Israel.

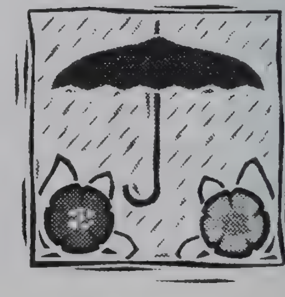
Good of the Order: Field Day is June 22nd. Governor Lowry has declared June 17-23 as Amateur Radio Week. Ralph, KA7FIG, and Chuck, WY7V, are looking for activities for Technician class members. Pleas contact them with your ideas. Nick, KC7OKR, one of our new young members who is often heard on the repeater, was even more active when he made 87 contacts from DK at the Beach.

CERTIFICATES: New members certificates were picked up by John Hicks, KC7QFF, Carl Klawuhn, KC7LBE, and Alex Klawuhn. Certificates were also ready for Jim Schock, KC7QBE, Jana Sanders, KB7HIV, Jill Stearns, KC7PSQ and Jason Stearns, KC7QHL.

ADJOURNMENT: The meeting was adjourned at 8:30 PM.

Attendance: 72

Respectfully submitted,
Mike Horbul, KI7YB, Secretary
Radio Club of Tacoma



May 1996

W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1 Board Meeting Club House 7:30 pm ARRL Spring Sprint - 432MHz # DICK -KG7WF	2 # JOHN-KB7TGE # CRAIG-KB7OLZ	3 # PEGGY-KC7GZT # DICK -KB8NPN #'BILL'-WA7YNP	4 PINOCHLE/ POT-LUCK Clubhouse 7pm
TEVE-KB7YCJ ERRIE-KC7IBJ	6 # WANE-KB7QMN	7 147.28 NET 7:30 PM --------------- #'LOU'- KB7WDB	8 W7DK MEETING Library 112 St.E.& WALLER RD. 7:30pm #'DAVE'-KG7OP	9 # ROGER KB7AZQ	10 # RUDY -N7CJM # MARK-KC7FAA # MARC- KC7KAU	11 Stanwood Flea Market
2 her's Day Breakfast-Clubhouse IM' - KB7VQM	13 # SHELLBY-KC7KAO	14 *LICENSE EXAMS* Club House 7:00 147.28 NET 7:30 PM --------------- #'NICK'-N7BCV # JIM - KA7YFK	15 ARES/RACES MEETING -TACID 7:00pm #HAROLD-KA7RNL #'ED'- KC7ADL	16	17 * Mt.SAINT HELENS * Event # PAT - WA7UNF # STEVE-KB7LOB #GEORGE-KB7UFS # IAN - KC7EXF	18 *Armed Forces Day* *YAKIMA* Hamfest # JOHN - N7GBR # DANNY-KC7KAN
9 YAKIMA* Hamfest ROB' K7TGU	20 LOGGER'S BARK *DEADLINE*	21 147.28 NET 7:30 PM --------------- NO/WS VE TESTS # WADE-WA7OHG	22 W7DK MEETING Library 112 St.E.& WALLER RD. 7:30pm # FRED-N7UET # MARK -KC7JHZ	23	24 # KERRY-WB7AKE	25 A.R.R.O.W.S. Meeting #'KATHY'-N0EYK # 'BOB'- N7TES #'ANDY'-KC7KIW CQ WW Worked A...
26 STAN'-N7KMF JOHN-KC7FBE CQ WW Worked A...	27 LADIES PINOCHLE CLUB HOUSE 12:Noon # 'DICK'-W7RGD # SCOTT-KA7IOX # 'BOB' W7RGO # RANDI-KC7BAN # GARRY-KB7ZDS *Memorial Day (Observed)*	28 147.28 NET 7:30 PM ---------------	29 # STEVE-WB7WUX	30 # JAMES -N7RRK	31 NW. DIVISION CONVENTION Seaside, OR >JUN. 1&2 # MARY -W7SKR # LYSLE-KB7RBV #'RICK'- N7YFE	

Happy Birthday!

COMING EVENTS

MAY 1 - Board of Directors meeting - 7:30 PM - at the Clubhouse - all members are invited.

MAY 1 - ARRL Spring Sprint - 432 MHz

MAY 8 - Club Meeting - Library Center - 112th & Waller Rd.
7:30 PM - Program: Bruce Franklin, KG7CR, "QRP and QRP Equipment"

MAY 11 - Stanwood Flea Market - Stanwood High School

MAY 14 - License exams at the Clubhouse - 7 PM

MAY 15 - *BARK* deadline

MAY 18-19 - Yakima Hamfest - Selah Middle School

MAY 22 - Club Meeting - Library Center - 112th & Waller Rd.
7:30 PM - Program: Dick Ryan, W7RGD, and Alex Braidwood, W7AZR, "Some History Bites of the Radio Club of Tacoma"

MAY 25 - AROWS - Baby shower for Anna, KB0UGW, at Marilyn's, KJ7BN, home. Call for time.

MAY 25-26 - CQ Worldwide Worked All Prefix Contest - CW

MAY 31-JUN 2 - Northwestern Division Convention - Seaside, Oregon

JUN 8-9 - Wenatchee Hamfest - Rocky Reach Dam

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

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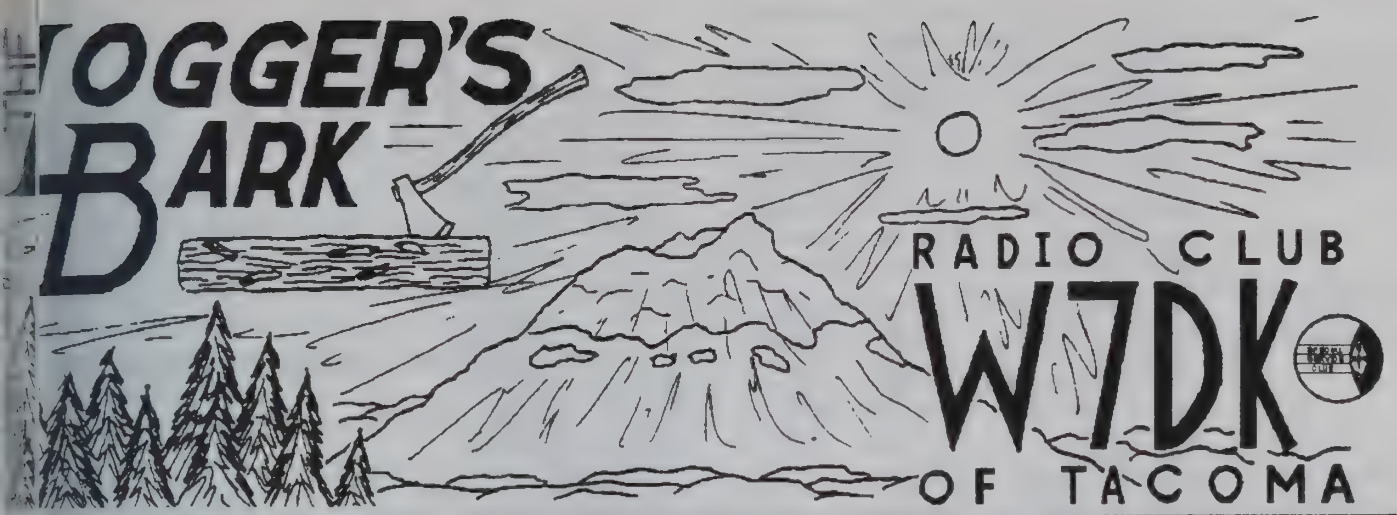

CL. XXXIII NR. 6 | W7DK | JUNE 1996

FROM THE PRESIDENT

/B7DFQ

By the time this article is published, the Radio Club of Tacoma extravaganza at Mt. St. Helens will be history (I hope the weather was good!) and Field Day will be just around the corner. These two activities are just the latest in a string of outdoor operating events which stretches back in time for many ea. We conduct these training sessions so that we an e prepared to go on the air in the event of a major isa ter and provide much needed communications to ur ommunities. But the question arises: "Are we oir everything we could to get ready?" And the ns er must be a resounding "NO."

Events like Field Day help us prepare to put 7 o 1 stations on the air at a single location and involve ar ipation by, at most, a couple of hundred people vit nly about 50 actually conducting on the air operaion In reality, during a large emergency, we wouldn't st need 7 stations in one location but would need na located throughout the area. It is up to each and eve one of us to be prepared to provide these sta ns. Now don't get me wrong, I believe in Field ay and very much appreciate the effort put forth by the folks who organize and participate in the operation. They learn from the experience and come away better prepared to serve in time of emergency. What about the rest of you? Are you ready?

I am going to issue this challenge to those of you who do not intend to participate in the club Field Day activity. Sometime between 10:00 a.m. PDT, Saturday June 22, 1996 and 2:00 p.m. PDT, Sunday June 23, 1996 make 10 amateur radio contacts without using commercial power, your existing fixed antennas, or repeaters. We are talking emergency here! Just take the battery out of the XYL's car, set up the radio on a card table on the patio, string a dipole between the tree in the front yard and the end of the house, then get on the air and work someone. If you don't have HF, take your handheld or mobile to a high spot, or put together a really hot antenna and work simplex on two meters. The rules for Field Day are in the May, 1996 issue of QST. If you don't have QST, just ask someone who has a copy.

If you are ready, it shouldn't take more than an hour to set up, work the stations, and tear down, then back to the ball game on the tube. If you aren't ready....well that's the purpose of this little exercise. Oh! by the way, it's OK to work more than ten stations. Let me know how you did. See you on the air.

73, Mike, WB7DFQ

◆

› FIELD DAY '96 - June 22-23

▶ Vanity Call News - Pages 7, 14 & 15

PINOCHLE

2 gatherings each month

Pinochle & Potluck - 7PM
1st Saturday of the Month
Ladies Pinochle - 12 Noon
4th Monday of the Month
Both gatherings at the Clubhouse.

Radio Club of Tacoma License Exams

JUNE 11, 1996

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.05. For information call:
Jerry Seligman, W7BUN 845-7652

RADIO CLUB OF TACOMA – 1996

PRESIDENT	MIKE CRAWFORD	WB7DFQ	531-4789
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
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TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
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	RALPH FULLER	KA7FIG	582-5841
	CHARLES HICKS	WY7V	535-3696
	ALAN HUGHES	KB7SVU	840-4947
	JERRY SELIGMAN	W7BUN	845-7652
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PUBLISHER	W7DK PRESS	N7QHW	265-3661

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CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Modem or mail all articles to Kathleen Nace, N0EYK, 2812 204th Ave.Ct.E., Sumner, WA 98390. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO: *THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.88 / .28 MHz 144.97 - Packet
147.98 / .38 MHz (pl 103.5) 441.00 - Packet
449.175 / 444.175 MHz KC7DDA

New Members

George M. McLeod, KC7QKZ RCT#1912
6236 S. Mullen
Tacoma, WA 98409 473-3569

Jessie L May, KC7QKY RCT#1913
20301 42nd Ave. E
Spanaway, WA 98387 847-8994

Address/Phone Changes/Corrections

Billy Poindexter, KC7EBB
612 SW View Dr.
Port Orchard, WA 98366-9437 360-895-2168

James H Maloney, KF7FB
31914 3rd Pl. SW Apt B
Federal Way, WA 98023-4596 206-529-7405

Paul Weiss, KC7FYQ
3824 S 154th Lane Apt 11
Tukwila, WA 98188 206-431-2115

James Stafford, KB7VOM
14627 Washington Ave. SW
Tacoma, WA 98498-3229 Phone Unknown

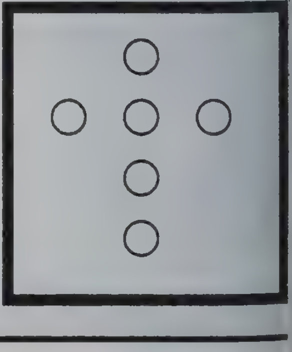
Margaret Syverson, KA7RUQ
16340 NE 83rd St. Apt A-203
Redmond, WA 98052-3880 Phone Unknown

Norman Nelson, N7ILQ
P. O. Box 1722
Sumner, WA 98390 Phone Unknown

LOGGER'S PUZZLER

Did you get last month's puzzle? It's really simple Turn on switch 1 and wait about a minute. Now tur on switch 2 and immediately walk into the room Touch each of the lamps that are on. The hottes lamp is controlled by switch 1 and the cooler lamp i on switch 2. The lamp that is off is controlled b switch 3.

This month we have another simple puzzle. On a table, you see six coins arranged as in the diagram. You are to move only one coin, so that you have two rows of four coins each. How do you do it?



ARES/RACES

N7QHW

The current organization of the Pirce County Amateur Radio Com-mnication Services (PCARCS) for bch R.A.C.E.S. and A.R.E.S. divides th county into Zones by geographical ouines and three districts, each of wch is composed of a zone or zoes. Zones are used by Pierce Cunty Department of Emergency Mnagement as an identifier for drop aras for supply purposes, etc., in the eent of a disaster. There are currently sme changes being made which will divide the county in zones with geographical lines more closely identifid with the Fire District Zones. It is my understanding atthis time that our current zone lines will remain esentially the same with minor changes. As more inrmation is available, I will share it with you. For mnagement purposes, three districts have been identifid for the county: District West which consists of Zne 1; District Central which consists of Zones 2,3, ad 4; and District East which consists of Zones 5 and 6 Each zone has a manager who is the person that yu as a member would be in contact with on a regular bsis. In addition to Zone Managers, there are specilty areas which have their own manager. These are th Emergency Bus, Hospitals, TAC ONE, Water/River ad Public Service Events.

The following is a list of the District Coordinatrs, Zone Managers, geographical areas, and manaers for the specialty areas. Feel free to contact any othem if you have any questions.

Dstrict West
Coordinator Jan Paterson, N7QHU 265-6551
Zone1 Manager (Gig Harbor/Key Peninsula)
Mac Parks, W6NBD 858-6468
Dstrict Central
Coordinator ***Currently vacant***
Zone 2 Manager(So Tacoma/Lakewood)
Ed Leavitt, KA7UKN 582-5034
Zone 3 Manager (Tacoma/Puyallup)
Currently Vacant
Zone 4 Manager (NE Tacoma)
Currently Vacant
Istrict East
Coordinator Irv Ostrich, WB7VQH 360-897-6095
Zone 5 Manager(Parkland/Spanaway/Eatonville/Graham)
Currently Vacant
Zone 6 Manager(Buckley, Orting, E County)
Currently Vacant

Base Station Manager
Eva Anderson, WB7QNS 564-8347
Hospitals
Gary Halpain, KC7HXC 277-9109
Emergency Bus
Bud Bush, N7HKS 474-2804
TAC ONE
David Norton, KB7TTD 843-2310
Water/River
Scott Geisert, N7XTI
Public Service
Judy LaFleur, N7NII 847-5198

Each manager holds a simplex net each week for their members. Check into the net for your area.

Zone Net	**Day**	**Time**	**Frequency**
Zone 1	Mon.	1900	145.350R 146.550S
Zone 2	Tues.	1830	146.460S
Zone 3-4	Tues.	after PC net	145.530S
Zone 5	Tues.	7:30 PM	146.430S
Zone 6	Tues.	after PC net or 7:30 PM	146.580S
Hospital	2nd Mon.	7:30 PM	145.370R 147.420S

The Pierce County Emergency Services Net is held each Tuesday at 7:00 PM on the 145.37MHz WC7AAO repeater and on the 442.45MHz KE7LE repeater. You may check into the net on whichever repeater works the best for you. Please join us on the net on Tuesdays and hear about what is happening.

There are opportunities for becoming more active in the Pierce County Amateur Radio Communication Services. Alan, KB7SVU, and Bob, KB7NBQ, need to have several management positions filled. If you are at all interested, please contact Alan or Bob and volunteer.(their phone numbers follow at the end of this article)

In the event of a disaster or some other happening requiring the Base Station to be active, it is not necessary to wait for your phone to ring asking for your help. Please contact the net control station and let that person know you are available to help and how long or what hours you are available.

If you would like additional information or wish to obtain an application to join Pierce County Emergency Communication Services, you may contact any of the following people:

Bob Tilley, KB7NBQ 536-6935
Pierce County R.A.C.E.S. Radio Officer
Alan Hughes, KB7SVU 840-4947
Pierce County A.R.E.S. Emergency Coordinator

Applications are also available at the RCT regular meetings on the second and fourth Wednesday of each month from Shirley, N7QHW.

73, Shirley, N7QHW

◆ W7DK HF STATION ◆

de Brian, KA7KUZ

KA7KUZ

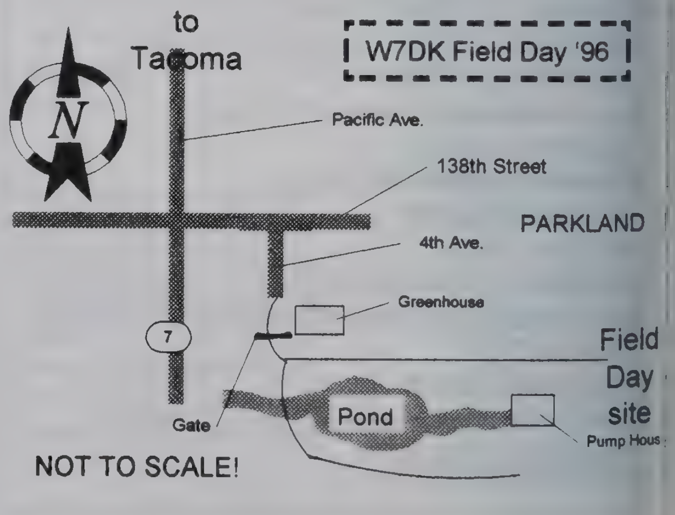
May 18, 1980 was a particularly warm day in the Northwest. I remember walking across the parking lot at the Admiralty Resort in Port Ludlow admiring the sunshine and hearing the booms as the mountain erupted. What I can't figure out is why the heck can't we get a little bit of the same weather we had 16 years ago? I'm sure many of you have guessed that the weather was not fantastic at the mountain this year. It started out with heavy rain and winds during Friday night, almost continuos showers through Saturday and a much lower snow level on Sunday. We did get a glimpse of the mountain and the weather did slow down just as we were breaking down to leave on Sunday. I was reminded of a Robert Redford movie (the name of which escapes me) where he plays a prison warden. In one scene Robert lets some of the prisoners out of solitary. They had been locked up for a long time and had not seen daylight in just as long. I saw the very same thing on the mountain when for a brief half hour the rain stopped, the wind quit, and the sun came out. A beleaguered group of RCT amateurs staggered out of RVs in complete wonder of the outside and of the sunlight!

Fortunately the bands were just active enough to take our attention away from the rain and wind outside. Lorna, KB7YTJ, was racking up the contacts on 20 meters while Owen, KB7UXP, was using the call WA7ASH on 10 meters. Mike, KB7QOP, was making a few CW contacts until Mike, KI7YB, decided to test his linear amplifier. The rest of the gang made numerous contacts on the Baw Faw Repeater and on 2, 6, 40 and 80 meters. Most of the contacts were stateside. However, we did work Australia, New Zealand, and Mexico. Val, N7VGO, and I even got to participate in the 6 meter contest from one of the higher surrounding ridges. It got interesting up there when it seemed the beer was warmer than the outside air temperature. At this time I'm pressed to make the Bark deadline so look for next months issue for pictures and a few more specific details of the special event. A very specia thanks to Charles (Bud) Jones for the use of th WA7ASH call and to Ralph Fuller, KA7FIG, wh pulled this whole thing off.

Field Day. Yes, a site has been found! W will be using property abutting last year's site. Thi site is North and slightly down hill from where w were last year. There are plenty of trees fo stretching the long wire dipoles and all the spac we need to set up in the 1000 foot diamete perimeter allowed in the Field Day rules. The sit is primitive and will require the club to bring in res room and kitchen facilities. The site is far enoug from power lines and residences to avoid some of th electrical problems we experience last year. The nex Field Day meeting will be June 8th at 11 AM at th clubhouse to make final preparations for Field Day an to check out the equipment. I also want to reserve Jun 15th to do some prep work on the site to clear away th Scotch Broom and other brush from the operatio sites. We'll meet on the 15th at the clubhouse at 10 A to go to the site. So on June 8th bring your technica know how to check out the equipment and on June 15 bring implements of destruction to clear away the site If you want to participate in this year's Field Day, pleas attend the June 8th meeting at the clubhouse. We wi be making final plans for the event! For Field Day, w will be meeting at the clubhouse on Friday, June 21st a 11 AM to begin the transport and set up of the equipment. Everyone's help will be need with the set up Most importantly, come on out to the event, meet som of the other members, work a few contacts, and have great time! Come be a part of the Radio Club c Tacoma at Field Day 96!

W7DK
Field Day
1996

BE THERE!



For Sale

W7DK

urplus Equipment

Te following is a list of surplus club property that is beig disposed of. Items will be sold to the highest bider. If you are interested in an item, you can contact m for more details or to arrange to see the item. I'll ta offers for items until June 29. The best offer takes th item. Anything left over will be listed again or taken to he W7DK swap meet to be sold. Make checks pable to The Radio Club of Tacoma. Funds raised wi be used to help finance the many service and ecational programs of the club.

I f you have any items that you want to donate to h club please contact me to arrange the details.

Michael Compton KB7ZDR
Ph. 206-535-5144
e-mail: ncacaver@aol.com

O contact me to set up a time on the 147.280 MHz cl repeater. I am at most club meetings and usually mke it to the clubhouse Saturdays.

All items are "AS IS". I have looked at each iten and all are in good or better condition unless ted. All are complete and I have powered up most itens but don't have time to run complete testing on all itns. All sales final.

Itn Description followed by Minimum Bid

1 Voltage Controller, Cole-Parmer model 2603, 15 ap 115 vac. Looks like a variable speed control for dils etc. NEW $15

2 Modem, US Robotics, USR-330 very old 300 bd mdem. new condition. Lots of good parts, external tye modem. $5

3 Electronic Timer, Custom Control Systems model 300 sports timer, new in box. Very nice timer for sprting events, games, etc. Professional quality. $35

4 Automatic Telephone Dialer, Alaron model ATD-31, new in box. Program your most common numbers ad dials them with one button. Looks nice. $20

5 Ground fault interrupter, portable, plug in GE model TTRP3, new in box. $10

6 Antenna splitter, auto radio, scanner GC Electronics mdel 13-727 Allows you to run your scanner from the cr radio antenna. $5

7. Chimney antenna mount, new in box $5

8. Frequency Counter, CSC Mini Max, not working (sold as a set only. See below.) $15

9. Frequency Counter, 160-10m, Redco model RFC-50 not working

10. Frequency Counter, 160-10m, Redco model C-40 not working

Items 8,9,10 sold as a set for parts or experimenting. You could probably fix one of the Redco units using parts from the other one. They all power up with a display.

11. Line Voltage Monitor Electronic Specialists Inc. model LCM/D. New, in box. Small analog type meter. Looks cool. $5

12. 2 units walkie-talkies, Radio Shack, Space Patrol 49mhz. new in box (sold as a pair) $20

13. 36 Units, cassette tapes, blank each unit $1.

14. Polaroid Camera with flash and photo copier attachment $2

15. 4 cans Chesterton Teflon Coating, spray each $2

16. Walk Fan small battery powered fan $1

17. Electric Eraser, Fullerton model 5354, new in box, for drafting table use $10

18. Rangefinder, optical, Ranging Measuring Systems model Ranging 600 2 units, new, in box. each $15

19. Microphone, Mura model DX-118 for small tape recorders $1

20. Voice Scrambler, Dynatek, 2 units, new, no documentation. parts or experimenter $5

21. Speech Synthesizer module, Telesensory Systems Inc. S16001-A. Experimenters speech module, with documentation, new but older unit. $2

22. Whistle Switch, new in box. plugs in wall outlet and switches load when you whistle $5

23. Antenna Switch, 2 position B7W model 551A odd switch, switches 2 coax lines off and on. $10

24. Site Survey Kit, Heathkit, satellite TV dish aiming kit, new. $10

25. Calculator, Texas Instruments, model Business Analyst-II special purpose calculator with financial/business keys. New in box with manual. $10

26. Calculator, Sharp, model EL-5808, scientific calculator, new in box $10

27. Calculator, Hewlett-Packard, model HP-31E, new in box $10

28. Calculator, Hewlett-Packard, model HP-37E, business/finance, new in box $10

29. Calculator, Printing, Sharp model EL-7000, with extra paper & ribbons, new in box $25

30. Lightning Arrestor, Goldline model GLC 1047. New $2

31. Antenna, Marine VHF, Signal Mate, emergency replacement, new. Plugs into back of radio, 18 inches height. $2

32. Tone Squelch Units, Cepco Ringer, 2 units, Tone

encoded speaker mute. Originally for CB radio but could be used for other applications or nice parts. new in box. Each $5

33. Microphone, Sony model ECM-95S, electric condenser, for small tape recorders $10

34. Fishing Reel, Pflueger model 3178 Pakron, with metal line, new in box. Could be used as a long wire antenna, very nice unit. $20

35. Preamp, receive, Redco model RPA-1, for CB radio use, new in box, Will work on 10m also. With ac/dc power cords. 2 units each $10

36. Fan, Rotron Whisper,115vac, new in box. 2 units each $5

37. Preamp, receive, Communications Power Inc. model RP-1A, CB. Will work on 10m also. With ac/dc power cords, mounting bracket, new in box. $10

38. Speech Compressor, Communications Power Inc. model TP-1, CB. Installs between radio and microphone,12vdc or 115vac, 4 pin mic connector. New in box. $10

38. Breadboard, Proto-Board model 103, new in box. $20

39. Breadboard, Proto-Board model PB-203A, with power supply, new in box. $50

40.Soldering Iron, cordless, Wahl IsoTip model 7700with extra lamps, charger and wall mount. New in box. $25

41. Soldering Iron, cordless, Wahl IsoTip model 7575, extra lamps, pc board drill motor attachment, extra bits, charger, holster. New in box. $30

42. Dictation Instrument, Lanier model P-87,with mic, phones, foot switch, bulk eraser. Used for office dictation. Takes standard cassette. Can be used as a cassette recorder to log rare DX contacts etc. Very nice unit, professional quality. New in box. $25

43. Amp Clamp, Viz test Instruments, clamp tester model WV-526B. Measures ac current, volts, ohms. with case and accessories. New in box. $25

44. Keyer, Memory, Autek model MK-1, with accessories. Older memory keyer with cables and manual. New in box. $25

45. Multimeter, Digital, B&K Precision model 280 ser.# 39-13224. Older unit but very nice, red led display. New in box with manual, test leads, leather case, NiCad battery pack, and charger. $25

46. Microphone, dynamic, Lanier model DM-1525, with cable, professional sound reinforcement or recording use. Low impedance XLR connector. very nice mics.
New in box. 3 units. Each $25

47. Microphone stand, desk. new in box. 3 units. Each $10

48. Microphone Mixer, Bogen model MX6A-T, 4 channel, dual impedance, slightly modified. $10

49. Bulk eraser, cassette tape. Lanier model EACE. Magnetic eraser to erase large quantities of cassette tapes quickly. 2 units. Each $5

50. Card File, Rolodex model 5350, new. $1

51. Energy Management System, Regency mod
5700. Master control unit. new in box $100

Energy Man. Sys.HVAC Module, Regency mod
HVAC M1. new in box

Energy Man. Sys. 240 volt module, Regency mod
UM2400. new in box

Energy Man. Sys. Lamp module, Regency model L
1200. 2 units, new in box

Energy Man. Sys. Appliance module, Regency mod
AM1201. new in box

Energy Man. Sys. Switched wall outlet, Regen
model WR-1200. new in box

This is a remote control system to operate heatin
water heaters, lamps, and appliances
from a central location. Can be programmed to tu
devices on or off as required. Program
several days ahead. Uses existing house wiring
control lines. Have your HF rig warmed up automa
cally for your skeds. Make coffee at the same tim
Very nice system.

52. Microcassette recorder, Lanier model MS-55, ne
in box. 2 units Each $25

53. RTTY Demodulator, IRL model FSK-1000. Ne
with manual. $20

54. Radio, Ten-Tec model TX-100, 15, 40, 80m, cryst
controlled, CW only, Has a 6LQ6 final, probably
watts or so. Transmitter only. Great novice rig, look
good, not chopped, no manual, not tested. $35

55. Alarm system, microwave. Midex System 55 wi
power supply, keys. Local area microwave intrusic
detector for home or office. siren driver, extra loop
Nice. $20

56. Keyer, electronic, Barker & Williamson model 36
battery operated, new in box. $10

57. SWR/Power meter, Signalcrafters model 30, 1.
30 MHz. Dual meter, active electronics, 20,200,200
watt scales, directional coupler, very nice. New in box
$75

58. Scanner, Bearcat model BC- 250, 50 chann
programmable, desk top. Used, working, tested. n
manual. $75

59. Microphone, dynamic, Sony model F-27S, wi
case, for small tape recorders. $5

60. Drill, PC board, 12volt, Wahl. nice small drill mot
for pc board use, extra bits. New. $10.

61. Drill, electric,1/4" chuck, The Cincinnati, mod
ULS. extra brushes, chuck key. $10

62. Keyer, Memory, DGM Electronics model MK-
New with manual. Nice. $20

63. Drafting Machine, Keuffel & Esser model Parago
Jr. Includes T-square for drafting table use. New wi
accessories. $20

64. Headphones, stereo, Koss. nice set of stere
headphones, 1/4 stereo plug, checked . $5

Amateur Radio Exams

In e Puget Sound Region as of January 15, 1996

1st **Tuesday** - 7 PM - **Puyallup** Fire Station, 128th St. one block west of Meridian, Puyallup - Contact Mike Horbul, KI7YB, 845-2545.

1st **Thursday** - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 481-2361, Bothell

1s **Saturday** - 1 PM - Boeing Recreation Center - 22649 33rd Ave So, **Kent** - Contact Meredith Johnson, N7QOA, 277-2220 - Renton

2n **Tuesday** - 6:30 PM - **Everett** - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2n **Tuesday** - 7:00 PM - Radio Club of **Tacoma** Clubhouse - Contact Jerry Seligman,W7BUN, 845-7652

2n **& 4th Thursdays** - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2n **Saturday** - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3r **Tuesday** - 7 PM - **Auburn** - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3r **Saturday** - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3r **Saturday** - 1 PM - **Renton** - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3r **Saturday** - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3r **Saturday** - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave - next session - May 20 - Contact Nick Bender, NX7W, 249-4671, Montesano

4t **Tuesday** - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4t **Wednesday** - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4 **Saturday** - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

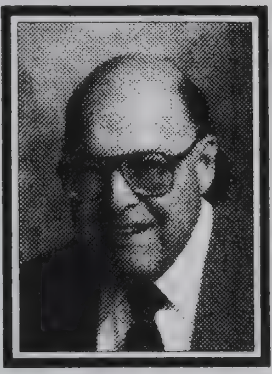
4t **Saturday** - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

S**miannually** - Saturday - 9:30 AM - **Olympia** - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

Pease send updates to: Jerry Seligman, W7BUN, 12306 8th Ave East, Puyallup, WA 98373 - Phone: 845-7652

◊ News from the ARRL ◊

de Jerry, W7BUN



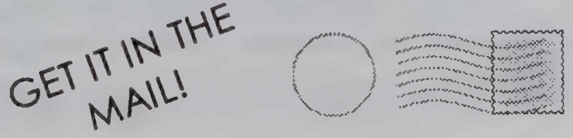
W7BUN

The Vanity Call Sign process has finally begun! After years of waiting and numerous delays by the FCC, the first Vanity Call Sign gate (Gate 1) opened May 31st. Gate 1 applies to those wishing to get a call they once held or the call of a close relative who is now a silent key. It also applies to clubs which wish to get back a call they once held. To get the call of a close relative who is now a silent key, you must have an appropriate license class: i.e. to get an extra class call you must hold an extra class license, to get an advanced class call you must hold an advanced or extra license, etc. Applications arriving before May 31st will be dismissed. The mailing address of the applicant does not have to be in the FCC Region for the call sign requested. A $30 fee is required with the FCC Form 610-V application. Payment of fees may be made by check (payable to the "FCC"), bank draft, money order, or by credit card. If paying by credit card, an FCC Form 159 must accompany the 601-V. DO NOT SEND CASH Application packages should be sent to: Federal Communications Commission, Amateur Vanity Call Sign Request, P.O.Box 358924, Pittsburgh, PA 15251-5924. In the FCC announcement there was no indication of how long the gate would be nor when the other gates would open.

The FCC is aware that the block of calls KC7RAA-KC7ZZY was not issued, but was skipped over and KD7 calls were issued instead. The FCC plans to go back and issue those skipped-over calls before proceeding further with the KD7 calls. Those who have already received KD7 calls will keep what was issued to them.

Newfoundland-Labrador will become a new Canadian section. The Radio Amateurs of Canada board says the move is an effort to address the "unique and special needs and aspirations" of the area. It is not known what the official section designator will be; it will be used in Field Day, Sweepstakes, and other contests.

The first M series licenses have been issued in the United Kingdom. The UK has run out of the traditional G series call signs.


GET IT IN THE MAIL!

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AJ7Y

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Attorney at Law
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2702 South 42nd Street
Tacoma, Washington 98409

[redacted]
31620 23RD AVE S
SUITE 101
FEDERAL WAY, WA 98003

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TACOMA	206 927-7600
24 HR	206 529-7384
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E-mail: 2ndbyte@kendaco.telebyte.com

Your Ad Could Be Here!
FIELD DAY '96 Y'all come!
Contact Shirley, N7QHW at 265-3661
for more details.

FOR SALE

KENWOOD TS 180S xcvr with 10-160M plus WARC bands	$475
KENWOOD PS-30 Power Supply for above	$125
KENWOOD VFO 180 ext VFO	$120
SWAN 700CX HF transceiver with 117XC PS, Good	$350
HEATH SB220 HF AMP 2KW with Built in PS	$589
ASTRON RS 12M 12a, 13.8V	$50
Heath SB600 SPKR	$45

UPS charges will be added to the listed prices above for shipping.

Tony Musero, K3UKW
1609 SO Iseminger St
Philadelphia, PA 19148-1010
215-271-8898
EDST BTW 7-9 PM M-F

❋ FROM THE BARK 20 YEARS AGO ❋

JUNE 1976

de W7BUN

This year's Field Day site will be on the water near Longbranch. Scotty Huntley, K7CYZ, is chairman. Th club repeater, WR7AHD, will be on the air as soon as crystals arrive for the 147.84/24 frequency. The club's tw bowling teams have finished their season. Neither team brought home any cups this year. The Women's Auxiliar have all the plans finalized for food for Field Day and Hamfair. They also have arranged Hamfair prizes and game for the children and activities and prizes for the women.

The FCC has proposed to remove the portable and mobile designator required by all hams away fror their home location. The FCC is also considering allocating "X" suffixes for amateur call signs. Currently a 1 X "X" call indicates an experimental station, and 1 X 2 "X" calls have never been issued.

The club will operate a fireworks stand from June 28th through July 4th on Highway 99 near the Kent-De Moines exit of I-5. All the proceeds will go to the repeater fund to help pay for a duplexer. Dick Ryan, W7RG received an Outstanding Achievement Award from the Puget Sound Council of Amateur Radio Clubs.

❋ ❋ ❋ ❋ ❋

RADIO CLUB OF TACOMA

LOGGER'S CERTIFICATE

Annual Report as of March 31, 1996
de Barbara, W7UYL

Do you have a Logger's Certificate? It is a great way to become acquainted with other club members! Did you know that the Logger's Certificate was 39 years old April 12th? The first certificate was issued on April 12, 1957 to Dick Dondon, W7LIA. Dick drove to my house from Seattle to deliver his list of 10 contacts and make sure that he got Certificate No. 1. Since then, I have written 645 certificates, the latest to Stephen Gorham, KC7KAQ. I can't begin to tell you how many endorsement stickers have been issued. Remember, this was all started long before we thought of having home computers! We have also issued 9 DX certificates.

Certificate recipients include stations in all of the United States call districts plus England, Japan, West Germany, Norway, Denmark, Russia, Canada, Puerto Rico. I still get inquiries from publishers of award directories, so awareness of our Logger's Certificate continues to grow.

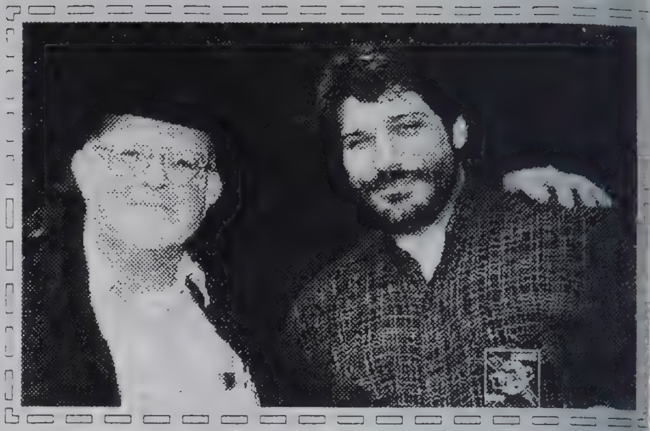
If you don't already have a certificate, why not log ten members of the Radio Club of Tacoma, and submit the list of calls and the dates worked. Or have you thought about adding a few extra log piles to that certificate you already have on your hamshack wall?

Following is a list of stations who have worked 100 or more members of the Radio Club of Tacoma.

N7EAJ	180
N7AGC	160
N7AHR	320
WB7AJR	160
WB7AKB	190
K7ATD	120
K7AYC	100
W7AZI	400
N7AZN	300
N7AZQ	130
N7BAA	200
KC7BAL	210
WB7BLQ	110
KJ7BN	100
W7BUN	600
N7CAK	150
WB7CFH	130
WB7CRR	210
K7CZM	210
KA7DCX	200
WA7ENB	190
KC7EQ	100
K7ETU	760
W7IIU	170
KD7JM	130
WZ7M	180
W7OS	360
WB7OTY	170
W7OVW	150
WB7PKM	110
WB7QCS	150
WA7QGI	110
K7QLC	190
WB7QNP	110
WB7QNS	870
WB7QNT	120
N7QOZ	410
WB7RAX	320
W7RGD	900
KF7RV	120
AD7S	100
KB7UXK	200
KG7V	140
WB7VHA	280
KB7VNT	110
AE7X	150
WA7ZSR	250
K5EAF	130
W5PBL	130

Hard at 2 meters! Good work Nick, KC7OKR!

DK at the Beach



Jim Kirkreit, K7YLM Brian Spindor, KA7KUZ

Doc Spike Award Recipients

1996 Events

Editor's ♫ Notes

de NØEYK

It is really great to have Ralph, KA7FIG, back home and well on the road to recovery. I understand he has been seen at the Saturday breakfast! Keep up the fight, Ralph.

WA7ASH/80 is now history. I heard that it was a bit nippy up there. I do hope that everyone had a good experience with May in the mountains!

Now! Get ready! Get set! Field Day, here we come! Please attend the coming FD meeting on June 8 if you are planning on attending Field Day. We will need ALL kinds of help, from 'grunt' labor to slingers, from loggers to contact makers. Ideally, we need folks working the stations ALL NIGHT LONG! I know that my 'night person' nights are pretty much over, but I am sure there are those who still savor those wee hours! Come and be a part of the effort! It is fun and satisfying along with a great learning experience!

The June BARK deadline will be move back to June 16th as I will be returning from Maine on the night of the 15th. My parents are celebrating their 50th wedding anniversary on June 10th and we're having a party!

Thanks to all contributors, both of articles and time! See you all next month

73, Kathleen, NØEYK

FIELD DAY '96

Thank You

I would like to thank the Radio Club of Tacoma for the bouquet of flowers, prayers, and well wishes following the stroke I suffered last month. The family is grateful for all the cards and letters and visits to the hospital. Recovery to the left side will be a long and slow rehab process but just being home is a great elixer!

FIG

LOGGER'S BARK SUBSCRIPTION

Please send all new and renewal subscriptions for the *Logger's Bark* to:

Shirley Murphy, N7QHW
161 Maple Lane NW/Raft Island
Gig Harbor, WA 98335-5949

Subscription fees are $7.00 each year. Check your address label to see when your subscription expires. Names will be removed from the mailing list upon expiration so renew early. If you are too far away to join the club but are interested, sign up for a subscription to the *Logger's Bark* at just $7.00 per year.

MINUTES

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING MINUTES
April 24, 1996

The Radio Club of Tacoma meeting was called order at 7:30 PM by President Mike Crawford, WB7DFQ. Eric Morse has his new call, KC7QLB. (Sec. note: This is one amateur operator that seems destined for CW proficiency!)

SECRETARY'S DAY: President Mike, WB7DFQ, presented a red carnation plant to the club secretary Mike, KI7YB, in recognition of Secretary's Day.

CORRESPONDENCE: We received correspondence about the ARRL antenna workshop that will be held at the Seaside convention this year on June 1st & 2nd.

The Pierce County Office of Emergency Management requested that ARES and RACES members working at incidents not carry firearms or other weapons.

TREASURER : The treasurer, Shirley, N7QHW, reported we have 446 paid members.

HEALTH & WELFARE: Kathleen, N0EYK, reported that Ralph, KA7FIG, had an accident last Saturday April 20 while riding his motorcycle. If that wasn't enough, he currently is in the hospital after suffering a stroke. We wish Ralph a speedy recovery.

PROGRAM: Bill, W7GBC, introduced the program for the evening. Jerry, W7BUN, presented an interesting video on the ARRL operation at the east coast offices. Jerry also spoke on the many benefits that the ARRL provides.

TRAINING: Jerry, W7BUN, would like to have an Extra class workshop before the question pool changes this summer. The class will be on Thursday evenings. Please contact Jerry.

BARK: Kathleen, N0EYK, reported the BARK was in the mail.

FIELD DAY, MOUNT ST. HELENS : Brian, KA7KUZ, reported that the caravan for Mount St. Helens will be leaving the clubhouse on Friday May 17th about 10:30 AM. The State Patrol has requested we limit the number to 50 at the Mt. St. Helens site. Please contact Brian of your intentions to be at the site.

The Field Day site is still not determined. Please contact the Field Day committee to set up your times of operation. This is a great time for those new amateur operators to get some training and experience on the HF bands.

ARES: Shirley, N7QHW, reported that the March of Dimes walk is this Saturday. Please contact Alan, KI7SVU, for coordination. The Sound to Narrows run is coming up in June.

REPEATERS: The **autopatch code will change May 1.** Please contact Mike, WB7DFQ, Shirley, N7QHW, or Jerry, W7BUN, for the new autopatch code.

HINTS & KINKS, TUNING & TRAFFIC: Roger, WA7ANJ, reported a good experience with the antenna tuner kit that was presented in the January QST. He stated it worked as advertised. Don, K7QLC, reported stations on the air from Western Sahara, Togo and Libya.

Good of the Order: Worth, W7WG, is looking for a carbon microphone for the restored antique radio in the museum. If anyone has one that they would like to donate to the museum, please contact Worth.

CERTIFICATES: New members certificates were picked up by David Rock, KC7OKQ, and Nick Rock, KC7OKR. Also, certificates are waiting for Jim Schock, KC7QBE, Jana Sanders, KB7HIV, Jill Stearns, KC7PSQ, Jason Stearns, KC7QH, Jan Twardowski, KC7QFH, Signe Twardowski, George McLeod, KC7QKX and James Kohler, WL7BOT.

ADJOURNMENT: The meeting was adjourned at 8:35 PM.

Attendance: 45

Respectfully submitted,
Mike Horbul, KI7YB, Secretary
Radio Club of Tacoma

Don't forget - FIELD DAY '96!

RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
May 1, 1996

The Radio Club of Tacoma Board of Directors meeting was called to order at 7:30 PM by President Mike Crawford, WB7DFQ. Eight board members and seven guests were present, representing a quorum. Ralph, KA7FIG, absence from the board was felt. He is in the University of Washington hospital after suffering a stroke.

SECRETARY'S REPORT & CORRESPONDENCE: Minutes of the last board meeting were approved as printed in the BARK. A Packet conference bulletin was read. It will be reread at the next regular meeting. A Gig Harbor advertising company sent a letter which the board decided not to act on.

TREASURER'S REPORT:

GENERAL FUND CHECKING	$2,137.87
REPEATER FUND CHECKING	1,571.51
PACKET FUND CHECKING	500.00
FLEA MARKET CHECKING	1,054.04
MONEY MARKET SAVING	11,739.80
SCHOLARSHIP WORKING FUND	600.00
SCHOLARSHIP MEMORIAL FUND	2,723.71
CASH on HAND	6.61
TOTAL ALL ACCOUNTS	$20,333.54

There are 450 paid 1996 members.

COMMITTEE REPORTS: ADVANCED PLANNING COMMITTEE: Four members have been identified for this committee. This committee will start with Jerry, W7BUN, Brian, KA7KUZ, Al, KC7DDA, and John, KB8MAU. This committee is being tasked with defining the club's mission for the future. The ideas from the committee will first be brought before the board before being acted on.

FLEA MARKET: Alan, KB7SVU, announced that Lorna, KB7YTJ, will be the treasurer for the event. A request for ARRL sanction for the event has been sent as well as requests to the periodicals for a listing.

MEMBERSHIP & TRAINING: Bill, W7GBC, brought to our attention the booklet printed by Amateur Radio Supply that was soon to be redone. We heartily agreed that the club training classes should be in this booklet. Jerry, W7BUN, has nine people signed up for the Extra license class workshop which will start May 23. This is the last Extra class before the question pool changes.

CLUBHOUSE, FIELD DAY, MOUNT ST. HELENS: Danny, KC7CUQ, our clubhouse host, brought up the board again that the graffiti has still not been painted and that the grass needs mowing and the mower won't start. He is looking for someone who has a weed wacker that could be donated to the club. Al, KC7DDA, volunteered to get the grass cut. Rich, N7ANF, has planted flowers in the boxes on the front porch and would like a key to access the basement to store a garden hose. Morel, KC7FCI, has also requested a key for access to the antique wireless room. Both requests were passed by the board.

Brian, KA7KUZ, reminded us the Mt. St. Helens caravan will be leaving the clubhouse Friday May 17th about 10:30 AM.

The next Field Day meeting will be Saturday June 8th at 11:00 AM at the clubhouse.

CLUB PROMOTION: Al, KC7DDA, did some research with the city on the viability of constructing another building on the rear of our second lot. He has found that there seems to no problem in doing so. He is also doing some preliminary cost checks on how much it would cost to start on construction. It is intention that this building would then contain the classroom area and clubhouse would be returned to radio operations.

OLD BUSINESS: Jerry, W7BUN, brought up that Alex, W7AZR, was moving this month and that the board needs to make a decision on items being considered for donation to the club. The clubhouse has no room to store these items so it would be necessary to rent a locker for storage. The board decided to send the board members to the site on Saturday to inspect the items so a decision can be made. Alan, KB7SVU, made a motion to construct a fence or barrier across the driveway to prevent people from diving through to the empty lot adjoining the property. After much discu sion, it was decided to table this motion until anoth time. Alan also asked about whether the boat trail license had been transferred into the club name yet. hadn't but will be upon the license renewal.

NEW BUSINESS: Mike, WB7DFQ, presented the created by Mike, KB7ZDR, of surplus equipment th will be published in the next BARK for open biddin The list was reviewed and only a couple of items we deleted for retention for the club by the board.

Jerry, KB7RIB, who elected to purchase a life mer bership in the fall of 1993 made partial payment by t spring of 1994. He has made no further payment According to the bylaws the payments must be ma within a two year period. We have therefore credit him with regular membership through December 19 for the payments made. The life membership can n be achieved due to exceeding the time period.

The corporate renewal for state requires a conta agent. A motion was made and approved for t treasurer to act as this agent. The treasurer is requir to be bonded. It was approved to renew this bond.

The cost of the answering service for our telepho was more expensive due to the fact that our phone li is a business line. Jerry, W7BUN, volunteered to co tinue handling calls forwarded from the clubhouse.

GOOD OF THE ORDER: The Mother's Day breakfa was not addressed previously and not enough time w left to spread the word. It was decided to hold breakfast on Father's Day June 16th in honor of bo Mothers and Fathers. Russell, KB7UXK, volunteered organize the breakfast. Shirley, N7QHW, made a m tion to appropriate $150 to buy supplies for the brea fast and Chuck, WY7V, seconded. The motion carrie We are looking for a chairman to head the food boo at the Flea Market.

ADJOURNMENT: The meeting was adjourned at 9: PM.

Attendance: President Mike, WB7DFQ, Vice Preside Bill, W7GBC, Secretary Mike, KI7YB, Treasurer Shir N7QHW. Board members: Russell, KB7UXK, Chuc WY7V, Alan, KB7SVU, and Jerry, W7BUN. Guests: KC7DDA, Brian, KA7KUZ, Rick, N7YFE, Rob, K7TG Russ, KC7EKI, Danny, KC7CUQ and Kathlee N0EYK.

Respectfully submitted,
Mike Horbul, KI7YB, Secretary
Radio Club of Tacoma

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING MINUTES
May 8, 1996

The Radio Club of Tacoma meeting was called to order at 7:30 PM by President Mike Crawford, WB7DFQ. Congratulations to Jessie May, KC7QKY, who signed in with her new call.

CORRESPONDENCE: We received correspondence about the TAPR Digital Conference that is being held in SeaTac on Sept 20th-22nd. Those wishing to participate can check out the flyer which is posted on the clubhouse bulletin board.

TREASURER : The treasurer, Shirley, N7QHW, reported we had 452 paid members.

HEALTH & WELFARE: Val, N7VGO, reported that Ralph, KA7FIG, came home from the hospital today. Gary, WL7IE, fell from a tower and suffered some injury in his leg and hip.

PROGRAM: Bill, W7GBC, introduced Bruce Franklin, KGCR, as our guest speaker. He talked about QRP. He manufactures a QRP rig at Index Laboratories located in Gig Harbor. He gave a very nice talk from the homebrewers viewpoint.

Marilyn, KJ7BN, read her award winning liars contest entry. We hope to see this one soon in the BARK. It gave us all a good chuckle.

ARES: Shirley, N7QHW, reported the Sound to Narrows run is coming up in June. She also reminded ARES members that during unscheduled events such as the recent earthquake, members should come up on the 145.37 repeater, check in and then quietly standby or come up on your zone simplex frequency.

ARROWS: The next meeting will be at Marilyn's, KJ7BN, on Saturday, May 25th.

BARK: Kathleen, NØEYK, reported the bark deadline is May 16th.

FIELD DAY, MOUNT ST. HELENS : A sign up sheet was passed around for people to sign up for operating at Mt. Helens. Shirley, N7QHW, reported that the caravan for Mount St. Helens will be leaving the clubhouse on Friday May 17th about 10:30 AM. Please contact Brian with your intentions to be at the site.

The Field Day site is still not determined. Field Day is the fourth weekend in June. The ladies will have 20 meter phone reserved for them again.

FLEA MARKET: The flea market is in August. We are looking for someone to chair a committee to run the food concession. Please contact Mike, WB7DFQ.

TRAINING: Malcolm, KI7RZ, will be holding a CW class for 5 weeks starting Monday May 20th 7:30 PM at the clubhouse to move people up from 5 words to 13. Jerry, W7BUN, is having an Extra license class before the question pool changes this summer. It will be on Thursday evenings. Please contact Jerry.

REPEATERS: The **autopatch code changed May 1st**. Please contact Mike, WB7DFQ, Shirley, N7QHW, or Jerry, W7BUN for the new autopatch code. Announcements are being automatically made on the 147.28 repeater about club activities.

HINTS & KINKS, TUNING & TRAFFIC: The list of surplus equipment created by Mike, KB7ZDR, will be published in the next BARK and will be open for bidding. Next Tuesday, VE testing will be held at the clubhouse at 7 PM. Don, AB7DS, reported contacting ZL8RI, the DX expedition on a small Island near New Zealand. Worth, W7WG, announced receiving an award from the Quarter Century Wireless Association for being an Amateur operator for 60 years. Danny, KC7CUQ, reported working an Italian station last Saturday from the clubhouse. The antique wireless group is looking for tubes type 10, 45 and 59. Please contact Morel, AB7KA, or Worth, W7WG, if you have any of these tubes.

CERTIFICATES: A new member certificate was picked up by Jessie May, KC7QKY. Also, certificates were available for George McLeod, KC7QKX, and James Kohler, WL7BOT.

ARRL SWEEPSTAKES AWARDS: Harry, N7DOE, was presented 1st place phone in the November Sweepstakes. Also, a 1st place certificate for CW in the sweepstakes was available for Al, K7PUC, which was passed to Worth, W7WG, for delivery.

DK at the Beach: Certificates for Dan, N7QWH, Link, N7CEO, Bob, KB7NBQ, Steve, KB7YCJ, John, N7JFM, Owen, KB7UXP, Chuck, WY7V, Carl, KC7LBE, Eric, N7EPD, were available and those presented or picked up were Bob, KI7HW, Rick, N7UFB, Les, KA7MYU, Carl, KC7LBE, Worth, W7WG, Mac, W6NBD, Morel, AB7KA, and Ed, KC7OKS.

ADJOURNMENT: The meeting was adjourned at 8:30 PM.

Attendance: 45

Respectfully submitted,
Mike Horbul, KI7YB, Secretary
Radio Club of Tacoma

W7DK

See you there!

FIELD DAY '96

Vol. 18 No. 10 (Supplement) May 15, 1996

W5YI Late Bulletin

Supplement to May 15, 1996 W5YI Report

FCC to Implement Vanity Call Sign System - Gate No. 1 Opens May 31!

Editor's Note: We actually completed our May 15th newsletter a week early since in mid-May we will be at the Dayton HamVention. After the newsletter was written, however, the FCC issued a Public Notice announcing that they would be opening Gate No. 1 of the Vanity Call Sign program. Due to the high interest in the amateur community in this program, we decided to publish an addendum to our Report rather than hold this announcement until our next issue.

Public Notice

FEDERAL COMMUNICATIONS COMMISSION
1919 M STREET NW
WASHINGTON, DC 20554

May 1, 1996

Amateur station vanity call sign system filing gate 1 opens May 31, 1996

Amateur operators who meet the following eligibility standards may request a vanity call sign on or after May 31, 1996. File your request on FCC Form 610-V.

[Note: This form complete with instructions is available from the W5YI Group Office without charge. Please include a large self-addressed stamped envelope.]

Legibility is critical! If the information on your application is not legible, you could experience a delay in processing, lose the opportunity to obtain a requested call sign or even obtain a call sign different from what you want. You must hold an unexpired amateur operator/primary station license grant of the proper operator class, as described below, to request a vanity call sign for your primary station.

To request a vanity call sign for a club station, you must also hold an unexpired club station license grant listing you as the license trustee. Refer to the licensee data base to verify that the call sign you are requesting is not already assigned. A call sign is normally assignable two years following license expiration, surrender, revocation, set aside, cancellation, void ab initio, or death of the grantee.

See Fact Sheet PR5000 Number 206-V **AMATEUR STATION VANITY CALL SIGN SYSTEM.** For explanations of Groups A, B, C and D and the geographic Regions, see Fact Sheet PR-5000 #206, **AMATEUR STATION SEQUENTIAL CALL SIGN SYSTEM.** *[Copies of both Fact Sheet PR-5000 No. 206-V and Fact Sheet PR-5000 No. 206 are available from the W5YI Group Office.]*

REQUEST BY FORMER HOLDER (PRIMARY STATION)

For your primary station, you may request a call sign that was previously assigned to your primary, secondary, repeater, auxiliary link, control, or space station. When so requesting for your primary station:

You may request your former call sign even though it has been unassigned for less than two years. The two year requirement does not apply to an otherwise eligible primary station if the call sign was previously assigned to a station of the requestor.

You do not have to hold a class of operator license required for the Group (A, B, C, or D) for the call sign requested. A call sign request by former holder may be from any Group in the sequential system.

Your mailing address does not have to be in the Region designated in the sequential system for the call sign requested. A call sign requested by a former holder may be in any Region.

[Note that Gate No. 1 only permits reclaiming previously held call signs.]

REQUEST BY CLOSE RELATIVE OF FORMER HOLDER NOW DECEASED (PRIMARY STATION)

For your primary station, you may request a call sign that was previously assigned to the primary, secondary, repeater, auxiliary link, control, or space station of your now-deceased spouse, child, grandchild, stepchild, parent, grandparent, stepparent, brother, sister, stepbrother, stepsister, aunt, uncle, niece, nephew, or in-law.

When so requesting for your primary station:

You may request the former call sign of a close relative now deceased even though it has been unassigned for less than two years. Upon the death of the holder, a call sign is assignable immediately to an otherwise eligible primary station of a close relative.

- You must be an Amateur Extra Class operator to request a Group "A" call sign.
- You must be an Amateur Extra or Advanced Class operator to request a Group "B" call sign.
- You must be an Amateur Extra, Advanced, General, Technician Plus, or Technician Class operator to request a Group "C" call sign.
- You must be an Amateur Extra, Advanced, General, Technician Plus, Technician or Novice class operator to request a Group "D" call sign.

Your mailing address does not have to be in the Region designated in the sequential system for the call sign requested. A call sign requested by a close relative of former holder now deceased may be in any Region.

REQUEST BY FORMER HOLDER (CLUB STATION)

For the club station for which you are the license trustee, you may request a call sign that was previously assigned to that station. When so requesting for a club station:

You may request your club station's former call sign even though it has been unassigned for less than two years. The two year requirement does not apply to an otherwise eligible club station if the call sign was previously assigned to the club station for which the requestor is the license trustee.

You do not have to hold a class of operator license required for the Group (A, B, C, or D) for the call sign requested. A call sign request by former holder may be from any Group in the sequential system.

Your mailing address does not have to be in the Region designated in the sequential system for the call sign requested. A call sign requested by a former holder may be in any Region.

A $30.00 fee is required with your FCC Form 610-V application. Payment of fees may be made by check (payable to "FCC"), bank draft, money order or credit card. If paying by credit card, you must also complete and submit FCC Form 159 with your FCC Form 610-V. (Do not send cash.) Send your application package to:

Federal Communications Commission
Amateur Vanity Call Sign Request
P.O. Box 358924
Pittsburgh, PA 15251-5924

If you do not qualify under the above eligibility standards, your application will be dismissed. A future public notice will announce Gate 1A which will have expanded eligibility standards. *[Gate 1A permits club stations to obtain the call sign of a deceased member with consent of a close relative.]*

For further information, contact the Consumer Assistance Branch at 1-800-322-1117.

-End of FCC Public Notice-

The FCC did NOT say how long Gate 1 would remain open. It depends on how many applications the FCC receives. We believe that Gate 1A will open in a few weeks (or months) after Gate 1. We also assume that Gate 1 requests will continue to be available after Gate 1A opens.

Gate No. 1 provides a mechanism for obtaining a previously held call sign by an applicant, club station or the relative of a deceased amateur. It is our belief that many - and perhaps most - licensees will not have a copy of the previous license.

At the Miami Tropical Hamboree Convention held the first week in February, we asked Deputy Wireless Telecommunications Bureau Chief Ralph Haller, N4RH what documentation was acceptable to support a previously held call sign.

He said the FCC would accept any reasonable third part documentation ...such as a call book entry, confirmation by an organization such as the ARRL ...even a previously published article that contained your call sign. He did not mention dated QSL cards, but we suppose that would also fall within the realm of reasonable third part confirmation. "We can be flexible without compromising the program," he said.

RADIO CLUB OF TACOMA, W7DK

Tacoma
Electronics Fleamarket

Saturday, August 10, 1996
Charles Wright Academy
7723 Chambers Creek Rd West
Tacoma, WA
Open 9 AM to 3 PM

Admission $4 (12 and under **FREE**)

Overnight RVs: $2 (Self Contained - Friday Night Only)

RVs: Pay upon arrival and recieve parking assignment

License Examinations - 10 AM
Bring original plus photocopy of license and a check for $6.05 made out to "ARRL/VEC"

For More Info call Alan Hughes at:
206-840-4947 or 206-596-7472 (pager)

- ☞ FREE Parking
- ☞ Ham Gear
- ☞ Commercial Displays
- ☞ Computers & Electronic Equip
- ☞ Country Store Available fo Consignment Sales

☺ Talk - In on 147.28+ ☺

RETURN THIS PORTION FOR TABLE RESERVATIONS ONLY

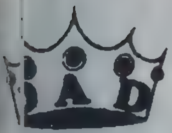
Make Checks Payable to RCT Setup Friday 5 - 9 PM and Saturday 5 - 9 AM

Mail to: Radio Club of Tacoma Box 11188 Tacoma, WA 98411

#	Description	$
	Non - Commercial Tables @ $15 each All Tables sold do not include any admissions	
	Seller/Helper Admissions @ $4 each We reserve the right to limit the number of helpers	
	Commercial Booths @ $40 each includes 2 admissions	
	Total Enclosed =	

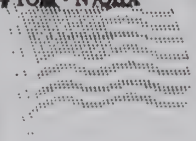
Name: ____________
Call: ____________
Address :____________
____
City: ____________
State: _____ Zip: ____________
Phone: ____________

Do you Need Power? YES NO
Power is Limited, First come First Served



June 1996

W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1 ARRL N.W. Division Convention Seaside OR. PINOCHLE/ POTLUCK Clubhouse 7pm # ROY - WA7UZL # PAUL- KC7FYQ
RL N.W. Division Convention Seaside R. ANDY'-W7HTU	3	4 147.28 NET 7:30 PM ------------------ # DIANA-WA7BLF # JOE-KC7CBO # ~ JIM"-KB7WFX #BUD'- WA7ASH # TERRY-WA7LGY	5 Board Meeting Club House 7:30 pm. # LAURA-KC7CQU	6	7	8 WENATCHE HAMFEST - Rocky Reach Dam
ENATCHE HAMFEST - Rocky Reach DAM L'-KA7BIY ERNER-KC7IBP	10	11 *LICENSE EXAMS* Club House 7:00 147.28 NET 7:30 PM ------------------ # ANNA- KB0UGW	12 W7DK MEETING Library 112 St. E.& WALLER RD. 7:30pm #DAVE' N7WGM	13 # ANGELA-KC7EQ # DAN KB7UXE # TODD- KC7ITR	14 *Flag Day* #TOM' - N7QHX 	15 #RON'- KC7ODV # DAVE- KI7QL
6 AD & MOM BREAKFAST* Clubhouse *ATHER's Day*	17 # PAUL - N7WGU	18 147.28 NET 7:30 PM ------------------ [illegible] VE TESTS	19 ARES/RACES MEETING -TACID 7:00pm #BRIAN TERJESON #LJ'- N7CJY	20 Summer Begins LOGGER'S BARK *DEADLINE* # BEN -K6VBC #LUCKY'KC7MTM	21 # ROGER -K7AYC # ROY -N7ARO #DAVE'-N7PKG #JAN'- KB7UXO	22 * FIELD DAY *
3 FIELD DAY * MARK -KC7AFO JOHN-KC7QFF	24 LADIES PINOCHLE CLUB HOUSE 12 Noon #SHIRLEY-N7QHW	25 147.28 NET 7:30 PM ------------------ # GRACE -AD7S	26 W7DK MEETING Library 112 St. E.& WALLER RD. 7:30pm # ROXANN-AB7HO	27 #LARRY'WA7QEW #NORM'-KC7DCN	28	29 #BOB'- N7LBO # JOHN - N7ZLH
0 DAVE'-KA7CMZ CAL -W7SFT BRIAN-KB7SPR						

Happy Birthday!

COMING EVENTS

E 1-2 - ARRL Northwestern Division Convention - Seaside Convention Center - Seaside, Oregon

UNE 5 - Board of Directors meeting - 7:30 PM - at the Clubhouse - All members are invited.

JUNE 8 - Field Day planning meeting - 11 AM - at the Clubhouse

JUNE 8-9 - Wenatchee Hamfest, Rocky Reach Dam

JUNE 11 - License exams at the Clubhouse - 7 PM

JUNE 12 - Club Meeting - Library Center - 112th & Waller Rd.
7:30 PM - Program: **FIELD DAY '96** - Brian Spindor, KA7KUZ

Don't forget!
W7DK
FIELD DAY '96
June 22-23

JUNE 16 - **MOTHER'S and Father's Day Breakfast** - 8 AM to 1 PM at Clubhouse

JUNE 16 - **BARK** deadline

JUNE 22-23 - **FIELD DAY** - Parkland (details at Club Meetings)

JUNE 26 - Club Meeting - Library Center - 112th & Waller Rd.
7:30 PM - Program: **Some History of the Radio Club of Tacoma** - Dick Ryan,W7RGD

AROWS - Check at June Club meetings and on nets for info. on coming meetings.

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

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TACOMA, WA
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ADDRESS CORRECTION REQUESTED

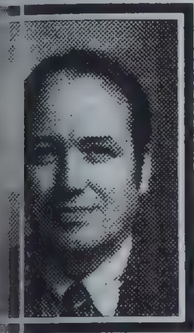
-LIFE

THE OGGER'S BARK

RADIO CLUB W7DK OF TACOMA

L. XXXIII NR. 7 W7DK JULY 1996

FROM THE PRESIDENT



NB7DFQ

Let me start this article by offering my apology to our Bark editor, Kathleen, NØEYK. She works very hard to give us a first class paper and when someone submits an article as late as this one was, it makes her job that much harder. Sorry Kathleen!!

As you know, many of our ever members have operating privileges which are ed to 10 meters and above and therefore do most nt all of their operating on repeaters. I often hear ne announce that they are "monitoring," which is the pted method of calling "CQ" on a repeater and ot of the time they get no response. Now I am just uilty as anyone else about ignoring these calls but ave resolved to do something about it and I hope the es of you will join with me. The next time you hear eone call, give them a call back. This doesn't need e a complicated contact, just exchange names and few words of greeting. You never know, you might nd that you have something in common and will end up with a very exciting conversation. Maybe you can answer a question for the other person or get an answer for a question of your own. Whatever the case, ham radio is about two-way communication, not just listening, so let's get out there and communicate.

Field day is over, and Brian, KA7KUZ and his crew have done a fine job. Things went together well and The Radio Club of Tacoma was well represented on the air waves. Putting this thing together is a big job and everyone who participated deserves a lot of credit. Thanks folks!!

We currently have one more big operating event planned this year. That is the DXpedition to Southwest Washington. Exact date, time, and place are still being worked out but we will keep you informed on our progress. In addition, we are looking at the possibility of having another event like DK at the Beach later this summer. Stay tuned for details.

In closing, Sally, KB7PKJ, and I would like to express our gratitude for all of the good wishes and words of encouragement which we have received over the last few weeks. It has helped make the burden a little easier knowing that we have so many good friends who care.

73, Mike, WB7DFQ

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▶ 2-METER and 440 MHz BANDS THREATENED - Page 6

▶ Wayne Green bankruptcy - Page 7

PINOCHLE

SUMMER SCHEDULE

Ladies Pinochle - 12 Noon
4th Monday of the Month
at the Clubhouse.

Radio Club of Tacoma License Exams

JULY 9, 1996

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.05. For information call:
Jerry Seligman, W7BUN 845-7652

RADIO CLUB OF TACOMA – 1996

PRESIDENT	MIKE CRAWFORD	WB7DFQ	531-4789
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
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TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
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	RALPH FULLER	KA7FIG	582-5841
	CHARLES HICKS	WY7V	535-3696
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	JERRY SELIGMAN	W7BUN	845-7652
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PUBLISHER	W7DK PRESS	N7QHW	265-3661

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CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Modem or mail all articles to Kathleen Nace, N0EYK, 2812 204th Ave.Ct.E., Sumner, WA 98390. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

***THE LOGGER'S BARK*, OFFICIAL PUBLICATION OF THE RADIO CLUB OF TACOMA, IS PUBLISHED MONTHLY BY W7DK PRESS, PO BOX 11188 TACOMA, WA 98411. THE PUBLICATION IS MAILED FROM TACOMA, WA, 98411 UNDER 3rd CLASS BULK, NON-PROFIT ORGANIZATION, US. POSTAGE PAID TACOMA, WA. PERMIT #1078.**

POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma
147.88 / .28 MHz 144.97 - Packet
147.98 / .38 MHz (pl 103.5) 441.00 - Packet
449.175 / 444.175 MHz KC7DDA

New Members

Robert(Bob) Paschal, AA0MC RCT# 1941
9701 A Angle Ln. SW
Lakewood, WA 98498 588-933

Reinstatements

Fred Reed, KB7ZT RCT# 1156
2903 N 25th St.
Tacoma, WA 759-1045

Address/Phone Changes/Corrections

James M Wraalstad, WQ7H
11250 NE 131st Lane
Kirkland, WA 98034 206-823-0247

Bob Tilley, KB7NBQ
4814 222nd St. Ct. E
Spanaway, WA 98387 206-875-0755

Alex Braidwood, W7AZR
4215 S 30th St.
Tacoma, WA 98409 206-274-8117

Geirge Herrington, N7KYM
change city to Lakewood --everything else same

Al Williams, K7PUC
5014 52nd Ave. S
Seattle, WA 98118-2104 Phone Unknown

Guy Frederick, KB7LGU
821 E Dock St. Slip 4-9
Tacoma, WA 98402-4607 Phone Unknown

Jerry Nelson, KC7DRE
Laura Nelson, KC7CQU
11375 Iris Avenue
Loma Linda, CA 92354 Phone Unknown

Randy Collier, KC7PLG
PO Box 2033
Gig Harbor, WA 98335 Phone Same

Trent Bronson, N2OBM
Anna Raff, KB0UGW
6697 Pielo Drive
San Diego, CA 92114 Phone Unknown

Richard Huddleston, KB8NPN
18463 Blueberry Ln. Apt B-202
Monroe, WA 98272-1378 Phone Unknown

Norman Nelson, N7ILQ
Phone 863-3863

New Calls

Russell Foster, KB7UXK, upgraded to Advanced an his new call is KJ7YP.

Morel D Guyot, AB7KA, changed to his old call o W6LIX.

Signe Twardowski, KC7QFI, changed to W3IIJ (he father's call).

ARES/RACES

N7QHW

There are still many openings fo managers, etc. in ARES/RACES. Pease volunteer and help Alan, KB7SVU, and Bob, KB7NBQ, by givin them a call and saying 'What can I do to help?'. Their phone numbers ae Alan, KB7SVU, 206-840-4947 ad Bob, KB7NBQ, 206-875-0755. Tanks for volunteering.

The following article was writtn by April Moell, WA6OPS, Orange Cunty Hospital Disaster Support Team Emergency Cordinator and reprinted in the Group Health Cooperave RADIOGRAM put out by Marina Zuetell, N7LSL, W WA Medical Services Emergency Coordinator for ARES/RACES.

▶ Drill or Exercise Reality ◀

1 It will never be what you expect.

2 Go prepared for anything. You never know where yu might be operating, or for how long, or under what ccumstances. You could be at the command post in a bsement or in the field. Your fellow ham may drop his oher handie-talkie coming into the building.

3 Introduce yourself to the person in charge of the aea. Don't be afraid to ask who is in charge if you don't kow. Quickly brief that person as to your capabilities. Dn't assume they know what you can do. Let them kow what radio links you can provide.

4 Just as many hams are new to the drills or in a cferent hospital or EOC each year. The hospital or EOC is usually in the same position Staff from other sifts or locations are brought in to learn about the caster plan. New administration staff may be getting tir feet wet for the first time as the person in charge cthe command post. It may be the first time they have eer seen a ham at their post. In other words - DON'T ASUME THEY WILL THINK YOU ARE WONDER-FUL AND IMMEDIATELY KNOW WHAT TO DO WITH YOU.

5 We may have no control over the starting or ending tie of the drills. We will give you our best guess. Smetimes there are problems setting up a disaster sene and the drill starts late. That means you will be cilled late. We will try to keep you advised over the air. Smetimes there are problems retrieving all the victims cresources after the drill. You may be asked to stay at yur post past the end of the drill. If this causes you a pblem, let your supervisor know ahead of time. If tere are staggered call-out or activations of radio volunteers, PLEASE DON'T GET ON THE AIR AND ASK when you are going to be called. Be patient!

6. If you said you can be available for a drill date, WE ARE PLANNING ON USING YOU. PLEASE TAKE THE COMMITMENT SERIOUSLY. It takes a lot of time and phone bills to contact people, assign them, and contact them again with their assignments. Thinking we won't miss one volunteer is wrong. If several people think that, we will be in trouble, and it isn't just a matter of plugging someone in. One dropout can create a domino effect, causing shuffling of operators to provide the proper coverage and support new ones in the drill. That means more phone calls and chaos.

7. Hospital and government people aren't fond of drills. They disrupt their normal routine. They are required to do them. They don't want to be embarrassed by doing something wrong. When the drill is over, most personnel will just disappear. If victims are yet to be picked up for transport back to the site, and you are a communications link for that, don't let the command post close up without knowing who your contact is going to be. The hospital is supposed to have someone in charge of the victims. Don't let them abandon you. It is not your job to keep track of the victims.

8. You are not likely to handle much traffic. In a drill most people rarely simulate the kind of phone stress they would have in a real incident. Whether you are in a drill, or the real thing, you are a SUPPORT communications system. YOU ARE THERE JUST IN CASE. QUALITY, NOT QUANTITY, IS WHAT MATTERS. If you are on duty for three hours and handle only one message -- it was still important and worthwhile for you to be there. If you can get that one message through that they need -- YOU ARE VALUABLE.

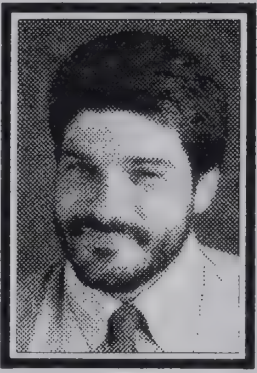
9. The more exposure volunteers have to the agency they serve, the easier it is for all concerned when we are activated.

Hams and other volunteers who serve the hospitals and EOCs must be part of the served agency system BEFORE the emergency strikes. They serve because they WANT TO, as a part of the agency or system, as a TEAM player. There simply is no room for loners any more.

73, Shirley, N7QHW

◆ W7DK HF STATION ◆

de Brian, KA7KUZ


KA7KUZ

Well by the time you read this Field Day 1996 will be history. If I know the Radio Club of Tacoma at all we had a great time. With all the planning and prep work that has gone into Field Day this year it can't be anything but successful. A special thanks to Mike, KB7QOP, Mike, KB7ZDR, Shirley, N7QHW, Dan, N7QWH, Ralph, KA7FIG, Jerry, W7BUN, Marilyn, KJ7BN, Don, AB7DS, and everyone else. Without your contribution Field Day would not have been as successful. Many thanks to all and look in next month's Logger's BARK for the pictures.

So what's happening in the month of July? Probably one of the most adventurous things is to attend the Glacier-Waterton Hamfest in Montana. The hamfest is July 19, 20, and 21st at the Three Forks Campground which is about 20 miles west of East Glacier on Highway 2. The campground is just few miles from the Continental Divide and is within Glacier National Park. If you are looking for a big flea market event, this is probably not for you. I would call it more of a ham radio camp out, low-key flea market, get to know your fellow hams hamfest. If you're interested in attending see me for an application or contact Bill Vodall, WA7NWP, PO Box 75, Kevin, MT 59454, (406) 337-2222 or on the internet at: hamfest@tlatech.com. I, along with a few others, will be attending and setting up a station to make a few contacts and work the North American RTTY QSO Party contest.

I'm sure several have heard me mention in the past other motives for going to this hamfest. I do plan to head for the Northwest Territories (north of Alberta) to do some scouting for a location to operate during a contest. I plan to stay in the Glacier area for about a week and then travel north through Calgary and Edmonton to the 60th Parallel Park across the border in the Northwest Territor After checking the park out, I plan to travel bac the Seattle area via Jasper and Banff Nati Parks. Anyone and everyone is welcome to co along with me on the whole or part of the journ I promise you will see some of the prettiest co try in North America.

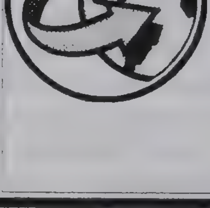
Contests this month are probably easiest ones going. On Saturday July 13th, be ning at 1200 UTC through July 14th, 1200 U the IARU HF World Championship contest wil held. This is very simple DX contest where exchange signal reports (always 59 or 599) and y ITU zone (for the west coast it is zone 6). You can w both CW and SSB.

On Saturday July 20th from 1800 U to July 21st 0600 UTC, the first annual North Ameri RTTY QSO Party will be held. Get out your multim TNCs and computers or the old green keys and w this very simple contest. The objective is to work many contacts as possible in the allotted period. All have to do is exchange name and state with the o contact. You won't even have to talk to anyone or with CW as you can do it all from a computer keybo States and provinces are multipliers and your po output is limited to 150 watts. I am planning to h both of these contests run from the clubhouse. Plar attending and being a part of these contests.

Come and be a part of the Radio C of Tacoma. There are a lot of things happening month and we need everyone to participate. The station is open to everyone regardless of opera class. You don't have to be an experienced ham t operating or contesting on the HF bands. Be a par the Radio Club of Tacoma!

73, Brian, KA7KUZ

W7DK
FLEA MARKET
'96
BE THERE!



AMATEUR RADIO
Friendships
around the world

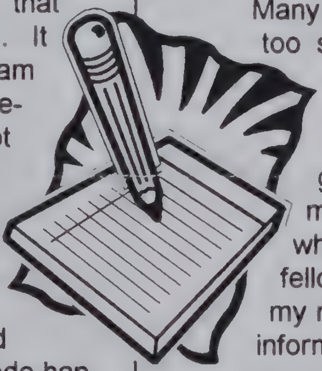
CW: Getting Started

The CW Tradition

de Mike, KB7QOP

KB7QOP

I will not soon forget the bone jarring cold and ampness that clung to me like a second skin atop St. Helens. Huddled in my green, wool army blan- nd trying to ignore the driving rain and high winds uffeted my vehicle, I sat in the front seat and tried oncentrate on the series of tones emitting from my hones. Above the static crashes and off-frequency ons that tried to interfere, I could just barely pick he faint signal from the W7DK club house. With o fingers I tapped my iambic paddle and sent out a eting to the guys back home, trying to imagine the e as they operated vintage equipment that d back to a time long before I was born. It a unique moment, and one of which I am proud. That contact with the antique wire- station was a great one, memorable not for the difficult conditions under which it rred but also because it was a chance to rience part of the heritage of amateur , a heritage I will never fully know.



CW is like that. It's universal ap- stems from its ageless simplicity and ant nature. Communicating with Morse code hap- in the present, but it links us to our past. The first transmissions used it, radio operators for genera- depended on it and now, today, I can carry on that ion. I will never experience the glory days of 's past, but I can help to carry its rewards far into uture days. What a thrilling prospect!

Some might question my enthusiasm about but it is hard to explain to someone who has never it. Learning the code itself is, of course, a necessary first step but it is what happens after that which really makes the mode worth learning in the first place. Achievement is not about a state of being. It is about a process of *doing* things and experiencing personal development. Sure, you might learn enough Morse Code to pass your license exam - barely! But is that really what it is all about? It doesn't have to be. Try making a few casual CW contacts and you just might discover what I am talking about.

Many people seem to worry that their speed is too slow or that other operators won't work people with less experience. In reality, many experienced Morse code operators love to work those who are just getting their feet wet. Some of my most memorable rag-chews came from a time when I was just pushing 10 WPM and the fellow on the other end had to be patient with my many mistakes and requests for repeated information. Get on the air, at any speed, and you can make contacts that will stand out as being much more than "Name, QTH, RST, 73" exchanges. A good CW QSO is not just another amateur radio contact, it is a small piece of exquisite art made possible by the developed skills of two people who share something rare and special, the ability to communicate with a unique language steeped in the culture, tradition, and heritage of amateur radio. Try it, and see for yourself.

PINOCHLE REPORT

The September 1995 throught June 1996 Tournament concluded with the June 1st session. The nners of the best six monthly scores during the year were Marjorie Ives (xyl of Art, AA7EO) and Harvey shop, W6UBX. Each won a $15 prize.

We will start again this fall on September 7th with the usual potluck supper at 7 PM with cards arting at 7:30 PM. We play 2 games and finish around 9:30 PM. We have room for a lot more players and elcome newcomers - singles or couples. If you are interested, call me (752-3216) now and I will call you ith more details in September.

Ethel, W7WLX

Amateur Radio Exams

in the Puget Sound Region as of May, 1996

1st Tuesday - 7 PM - **Puyallup** Fire Station, 128th St. one block west of Meridian, Puyallup - Contact Mike Horbul, KI7YB, 845-2545.

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, **Kent** - Contact Burt Mendez, KB7ZCW, 824-2785, Seattle

2nd Tuesday - 6:30 PM - **Everett** - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clubhouse - Contact Jerry Seligman,W7BUN, 845-7652

2nd & 4th Thursdays - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - **Auburn** - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave - next session - September 21 - Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

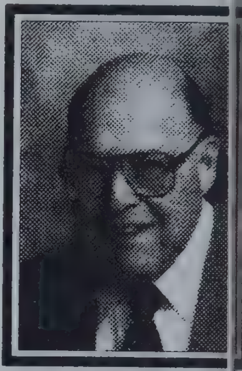
4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

◈ News from the ARRL

de Jerry, W7BUN



W7BUN

A threat to our 2-meter and 70-cm bands exists. The U.S. is preparing for the 1997 ITU World Radiocommunication Conference, WRC-97. One of the WRC-97 agenda items includes additional frequency allocations for the mobile radio service. Proponents of so-called "little LEOs," low earth orbit satellites claim their allocations below 1 GHz are inadequate. In May, industry re sentatives presented to the FCC a list of "candi bands" for little LEOs. Incredibly, 144-148 and 450 MHz were included. This is the first time another service has been proposed for the two-m amateur band. We must make sure it is also the time.

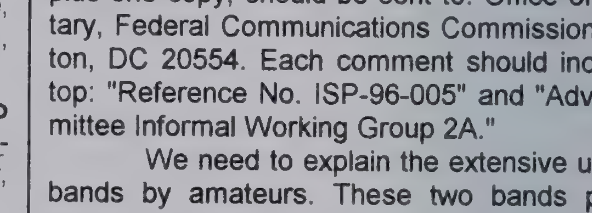
So this is a call to action. We must get ac to industry and government that the 144-148 MHz the 420-450 MHz bands cannot be considere candidates for the mobile-satellite service. We nee drive the point home so forcefully, with so many gr root responses, that no one is ever tempted t again.

Comments by e-mail should be sent wrc97@fcc.gov. Written comments, with an ori plus one copy, should be sent to: Office of the Se tary, Federal Communications Commission, Wash ton, DC 20554. Each comment should include at top: "Reference No. ISP-96-005" and "Advisory C mittee Informal Working Group 2A."

We need to explain the extensive use of t bands by amateurs. These two bands provide frequencies for our local public service commu tions effort. Both bands are used for satellite servi television, moonbounce, and other weak-signal c munications. Be civil, don't abuse people who simply doing their jobs. We have got to get across such a proposal is counterproductive, and contra the public interest. Lots of comments are needed remember the objective is to educate and persu not to intimidate.

Get your computer booted up or get your and paper ready. There is work to be done. EV AMATEUR MUST TAKE ACTION ON THIS SERI THREAT TO OUR VALUABLE FREQUENCIES.

Continued next pa


GET IT IN THE MAIL

Wayne Green, Inc., of Peterborough, NH, oper- by Wayne Green, W2NSD, filed for Chapter 7 kruptcy in Federal Court in New Hampshire on June Filed as a business, Chapter 7 means liquidation. action does not immediately affect 73 Magazine; ne, 73 years old, sold the magazine to his wife rry Smythe-Green two years ago. If the bankruptcy t judge finds that this sale was an attempt to hide ets, then 73 Magazine might be affected. About a en workers remain at the magazine.

Two more threats to our amateur frequencies now pending. A proposal by NASA (JPL) requests 440 MHz for Synthetic Aperture Radar (SAR) on a llite to be placed in a 400-km orbit. The proposed r will result in a very high power flux density at the h's surface and could cause short periods of inter- nce to amateur radio operations. In a similar pro- al, the Netherlands Agency for Aerospace Pro- ns has requested an allocation for an "Earth Explo- n Satellite" within the 400-470 MHz band. ARRL asked the Amateur Satellite Service (AMSAT) to ss the interference potential that might result from of these proposed satellite radars.

The vanity (flood) gate 1 opened to a very usiastic response. The FCC reports 371 first-day ications and nearly 700 the following day. By June the Commission had nearly 1700 applications in d. The FCC has not yet announced opening dates he other filing gates. (Ed. note: RCT member Signe rdowski, ex KC7QFI, received her father's call , W3IIJ. Morel Guyot, AB7KA, has received his old W6LIX. Both used the gate 1 application process.)

Those 1x1 sixth-district call signs you'll be ing July 13 and 14 are authentic. The FCC has orized 52 1x1 call signs for each team competing the World Radiosport Team Championships RTC). WRTC participants come from 30 different CC countries. Among their ranks are world record ers in virtually every HF contest. All teams will rate in low-level sites in the San Francisco Bay , running 100 watts. Each team will use a triband approximately 50 feet high for 10, 15, and 20 ers, and dipoles for 40 meters. Each WRTC station have a unique QSL card which will be sent to all ions worked. Many other awards will be available contacting various numbers and combinations of TC stations including a "grand slam" by working all 2 stations which will earn you a special commemora- deck of WRTC playing cards. Shirts, letter open- and plaques will also be available. See QST azine for full details and rules.

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AJ7Y

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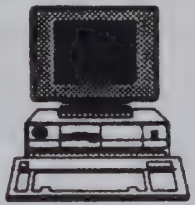

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AND UPGRADES

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E-mail: 2ndbyte@kendaco.telebyte.com

LOGGER'S BARK SUBSCRIPTION

Please send all new and renewal subscriptions for the *Logger's Bark* to:

Shirley Murphy, N7QHW
161 Maple Lane NW/Raft Island
Gig Harbor, WA 98335-5949

Subscription fees are $7.00 each year. Check your address label to see when your subscription expires. Names will be removed from the mailing list upon expiration so renew early. If you are too far away to join the club but are interested, sign up for a subscription to the *Logger's Bark* at just $7.00 per year.

MINUTES

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING MINUTES
May 22, 1996

The Radio Club of Tacoma meeting was called to order at 7:30 PM by President Mike Crawford, WB7DFQ. Two hard working members of our club announced recent upgrades. Danny, KC7CUQ, our clubhouse weekend host, upgraded to Advanced and Tom, N7QHX, finally took the plunge and walked away from the code table with an upgrade to Extra.

CORRESPONDENCE: We received correspondence from the Willamette Valley DX club telling of their upcoming DX Convention in Portland July 19-21. The Northwest Astronomy Group sent a flyer about their annual field day event which they call Fieldstar-96 for those interested in both astronomy and amateur radio. This event is in Oregon. We also received acknowledgment from the ARRL confirming our continued status as a Special Service Club.

TREASURER : The treasurer, Shirley, N7QHW, reported we had 452 paid members.

HEALTH & WELFARE: Ralph Fuller, KA7FIG, is at home and doing better after his recent stay in the hospital.

PROGRAM: Bill, W7GBC, introduced Stan, N7KMF, who had a slide presentation from the recent special event field trip to Mt. St. Helens. Stan sure can capture on film the atmosphere of the robust weather that was part of this event. We extend special thanks for his extra effort.

ARRL & TRAINING: Jerry, W7BUN, brought to our attention that an ARRL bulletin announced that the first gate for the vanity callsigns will open May 31st.

Training is finishing for the summer. The Advanced class training session will end Thursday and an exam session will be held Tuesday for Advanced class only at the clubhouse. The last training session an Extra class session starts next Thursday.

ARES: Shirley N7QHW reported the Sound to Narrows run is June 8th.

BARK: Bark party this Wed. at 10 AM.

AROWS: The next meeting will be at the home of Marilyn, AJ7BN, on Saturday, May 25th.

FIELD DAY: Brian, KA7KUZ, said the site has been selected and is next to last year's site. Just look for the porta-potty and barbecue or the map in the **BARK**. A meeting for preparation of Field Day will be held on Saturday, June 8th, 11 AM and a site preparation meeting the following Saturday.

FLEA MARKET: The flea market is on August 10th. We are looking for someone to chair a committee to run the food concession. Please contact Mik WB7DFQ.

Mother's & Father's Day Breakfast: On Sunda June 16th the club will be holding a combined Mother and Father's Day Breakfast. Please stop in and pa take of the bountiful spread between the hours of AM and 1 PM.

HINTS & KINKS, TUNING & TRAFFIC: Eri KB7QLB, came up with an idea for a inexpensi 6-meter antenna. Retune a CB antenna for 6 meter since 54 MHz is twice the frequency of the 27 M band. The Mt. St. Helens group made contact with t antique wireless station at the clubhouse as report by Morel, AB7KA, and Worth, W7WG. Morel als read a letter from Tom, W6QJI, on where the rig ca from that was being used by the group. It came fro Bob Tomas, N7KTP, and was located at the Nav Undersea Warfare Museum in Keyport. (See page 1

ADJOURNMENT: The meeting was adjourned 8:30 PM.

Attendance: 53

Respectfully submitted,
Mike Horbul, KI7YB, Secretary
Radio Club of Tacoma

W7DK FLEA MARKET - AUGUST 10, 1996

RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
June 5, 1996

The Radio Club of Tacoma Board of Directo meeting was called to order at 7:30 PM by Preside Mike Crawford, WB7DFQ. Eight board membe were present, representing a quorum. Jerry W7B was absent. There were also six guests present.

SECRETARY'S REPORT & CORRESPONDENC Minutes of the last board meeting were approved printed in the **BARK**.

TREASURER'S REPORT:

GENERAL FUND CHECKING	$1,159.2
REPEATER FUND CHECKING	1,571.5
PACKET FUND CHECKING	500.0
FLEA MARKET CHECKING	1,220.6
MONEY MARKET SAVING	11,785.5
SCHOLARSHIP WORKING FUND	600.0
SCHOLARSHIP MEMORIAL FUND	2,723.7
CASH on HAND	9.1
TOTAL ALL ACCOUNTS	$19,549.1

There are currently 456 paid 1996 members.

BHOUSE, FIELD DAY, MOUNT ST. HELENS : Brian, KA7KUZ, reported that Mt. St. Helens was ccess with hundreds of contacts. However, the her did dampen the number of participants at the t. There was a minor problem with the generator g some oil but, with attention, it kept going.

The next Field Day meeting will be Saturday, June it 11 AM at the clubhouse. The following Saturday be a work party meeting to clear the field of some ch broom and weeds. The caravan will leave from clubhouse on Friday the 21st to start setup for the t. We are still looking for some items, such as a tent and barbecue for cooking at the site.

The clubhouse looks a lot better with all the painthat was done by Danny, KC7CUQ, in the meeting n and on the backside of the garage to cover the iti.

A MARKET: Alan, KB7SVU, reported that we received a few reservations for tables. We still d to set up security and make the final payment for al of the facility. We also need a concession rdinator.

EMBERSHIP & TRAINING: Bill, W7GBC, reported the next class for Novice/Tech will be in the fall. Advanced class has ended and testing was last sday. The Extra class is currently going on.

D BUSINESS: A motion was made by Ralph, AFIG, to authorize the President Mike, WB7DFQ, pend $200 to build a locked caged section in the ge to store donations. The motion passed.

e, WB7DFQ, presented the second list created by e, KB7ZDR, of surplus equipment that will be lished in the next **BARK** for open bidding. The list reviewed and no items were deleted for retention he club by the board.

EV BUSINESS: Shirley, N7QHW, brought to our tion that the property tax value has increased ificantly. A motion was passed by the board to e Shirley start arrangements to appeal the change. can get callsign plates for the generator trailer club callsign, W7DK.

still do not have a concession manager for the Market concession stand. There was much ussion on how to cook a hot dog but, no progress made.

RCT banner is in need of repair. Alan, KB7SVU, bring it in for evaluation.

n, KC7MKK, brought in a old picture which was nd in the basement at KSTW TV of a 1940's ure of a Radio Club of Tacoma event. The picture be put in the historical file. John also brought in a y of the LEO proposal to take over the 2 meter d.

ire proof file cabinet is being donated by Ray, KFN.

OD OF THE ORDER: Bill, W7GBC, is looking for presenters for the club meetings.

ADJOURNMENT: The meeting was adjourned at 9:15 PM.

Attendance: President Mike, WB7DFQ, Vice President Bill, W7GBC, Secretary Mike, KI7YB, Treasurer Shirley, N7QHW. Board members: Russell, KB7UXK, Chuck, WY7V, Alan, KB7SVU and Ralph, KA7FIG. Guests: Al, KC7DDA, Brian, KA7KUZ, John, KC7MKK, Rob, K7TGU, Dick, W7RGD and Danny, KC7CUQ .

Respectfully submitted,
Mike Horbul, KI7YB, Secretary
Radio Club of Tacoma

SPECIAL
SERVICE
CLUB
ARRL

RADIO CLUB OF TACOMA
REGULAR MEETING MINUTES June 12, 1996

The Radio Club of Tacoma meeting was called to order at 7:30 PM by Secretary Mike Horbul, KI7YB. Russell Foster, KB7UXK, has upgraded to Advanced and is sporting a new call KJ7YP. Nice going!

TREASURER : The treasurer, Shirley, N7QHW, reported we had 457 paid members.

HEALTH & WELFARE: Shirley, N7QHW, reported that Sally, KB7PKJ, was in the hospital and that husband President Mike, WB7DFQ, was with her. Speaking of Presidents, Bill, W7GBC, our Vice President, has had better days and is getting consultation on his surgical options. Mike, KB7VNT, reported his mom was in the hospital for some vascular surgery.

ARRL: Jerry, W7BUN, read an ARRL bulletin pertaining to the low earth orbiting satellites, also known as LEOs. The mobile radio service has proposed using the 2 meter band for their communications. The ARRL is urging members to write letters to oppose this move.

The address is on page 6. Please send your comments soon.

Training is finishing for the summer.

PROGRAM: The program for the evening was Field Day. Brian, KA7KUZ,covered how to prepare and also the specific site layout and preparation at the DK Field Day site.

Jerry, W7BUN, also added some comments on how to contest and contesting techniques.

ARES & Flea Market: Alan, KB7SVU, reported the ARES group is in need of zone managers and a district manager. Eva, WB7QNS, will no longer being doing the ARES net nor operating ARES nets during emergencies. Anybody wishing to fill this vacancy please contact Alan or Bob, KB7NBQ. Please check your DEM cards to be sure that they are up to date. There is EOC training this weekend June 15th from 8:30 -11:30 AM. Please call April at 591-7470 to sign up.

Flea market is Aug 10th. Please sign up to help out at the market.

AROWS: The next meeting will be in the fall.

Mother's & Father's Day Breakfast: Russell, KJ7YP, passed out some menus for the Mother's/ Father's Day Breakfast that is on Sunday, June 16th from 8 AM to 1 PM.

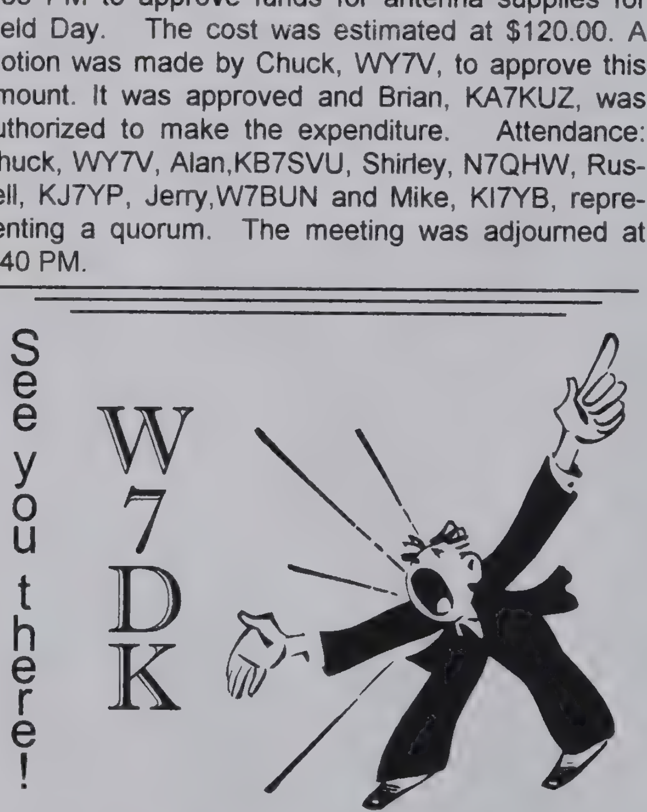
HINTS & KINKS, TUNING & TRAFFIC: Val, N7VGO, suggested using a CB antenna for 6 meters. We are waiting for QSL cards for 'DK at the Beach'. It is believed Jim, K7YLM, is handling that. Don, AB7DS, just received his DXCC. Congratulations Don! You accomplished this during low sunspot activity too!.

ADJOURNMENT: The meeting was adjourned at 8:30 PM.

Attendance: 49

Respectfully submitted,
Mike Horbul, KI7YB, Secretary
Radio Club of Tacoma

ADDENDUM: A short board meeting was called at 8:35 PM to approve funds for antenna supplies for Field Day. The cost was estimated at $120.00. A motion was made by Chuck, WY7V, to approve this amount. It was approved and Brian, KA7KUZ, was authorized to make the expenditure. Attendance: Chuck, WY7V, Alan,KB7SVU, Shirley, N7QHW, Russell, KJ7YP, Jerry,W7BUN and Mike, KI7YB, representing a quorum. The meeting was adjourned at 8:40 PM.



FLEA MARKET '96

Reprint of letter sent from Tom to Morel, KC7F

TOM SANDERS (W6QJI)
P.O. Box 450 - Port Orchard, Wa. 98366
(360) 876-1399 - WW2END@aol.com

May 20, 1996

Morel Guyot, KC7FCI
31228 36th SW
Federal Way, Wa. 98023

Dear Morel,

Thanks for the call Monday morning about y W6LIX vanity problem. I should have an answer you within the next couple of days.

What a thrill it was to hear that old rig sounded great - keying was clean - signal was stabl note was T9. Almost wish it had chirped a little and note was T8 or modulated with a 360 hertz reson filter in the power supply -- you remember those da Was fun to hear the frequency move around a bit w you were tuning up! Like the good old days when VFO moved around as the antenna swung in the wi

About that rig, I want to clear up the questi mentioned on the phone concerning the source of rig. It was found by Bob Tomas, N7KTP. Bob as me to find a home for it, and I contacted Jim Kirk During my chat with Jim, I made it clear that Bob the source, and that Bob had found the rig at the N Undersea Warfare Museum, Keyport. Apparently forgot to tell you and Mac. No problem - Jim has a on his mind these days. Bob's phone number is (3 638 1659.

Bob has been great to work with over years, so I just wanted to make sure the credit g where it belongs.

Meanwhile, I'll dig around for some 210's more than one! Wouldn't it be a blast if we could fin couple of 852s (I used to have one - my pride and j for a final and a pole pig for the power supply - a modulation transformer and a pair of 852s for mod tors. With that rig we'd own the band on antique ra night - neutralizing caps out of tomato cans - filter c made from wax paper and lead foil out of cigar packages - coils wound on antennas! Those were days - but, so are these!

Take care - next time I can get away for a AM, I'll drop in and pound some antique brass. - sa to Mac --

73
Tom
Tom W6QJI

cc: Bob Tomas

# ❋ FROM THE BARK 20 YEARS AGO ❋

JULY 1976

de W7BUN

The club repeater is finally on the air on 147.84/24. The pinochle season is over, and high scores for the
son went to Doc Spike and Marge Chavis, and the crying towel went to Jean Wheeler and Jerry Seligman. The
men's Auxiliary worked on their second quilt for hamfair prizes, the snack bar menu for hamfair, and the food
ield day. The club will have a picnic this month at Joe and Irma Duncan's camp lot near Lawrence Lake.

The FCC has approved ARRL's concept of Novice training by clubs around the country; there will 25 clubs
nitted to teach and we hope ours will be selected. Mr. Deitz, Engineer in Charge of the Seattle FCC Office, will
visiting our club this month. The FCC has released the amateur restructuring docket: Technicians will receive
Novice privileges, the power input for all classes of licensee will be 250 watts in the Novice band segments;
ditional class licensees will be "grandfathered" to General class; and the number of license classes will be
uced from 10 to 5 by this action. The ARRL's new repeater directory listing 2066 repeaters is available free by
ding an SASE to ARRL. Hallicrafters announced a new 2-meter antenna will be on the market soon.

ditor's Notes

de N0EYK

Well, along with Field Day came summer! At long last! Field Day '96 is now in the history books. I know that I had a good time, in spite of tired blood and slamming eyelids! 75 meters is always rougher in the higher
ic season. But with the low end of the sunspot cycle
ing out, we made quite a few contacts. I was
ing for the quiet January night I remember some-
re in Nebraska, when the entire country was crystal
r copy on 75 in the car! What a night that was,
hern lights and all! Thanks to everyone who made
W7DK Field Day a success! Let's do it again next
r, about this same time!

Now we need to really get busy with the plans
the Flea Market. Please volunteer to help with this
nt, which is our primary fund raiser. Hopefully there
omeone out there who will step into the empty food
vice spot to lead that effort. August 10th is right
und the corner!

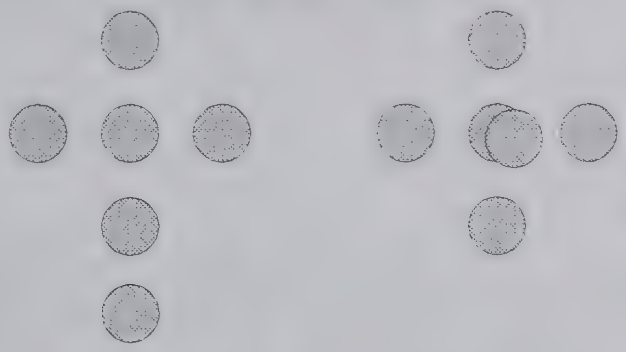
I would like to extend my condolences,and, I
sure, the entire Club's condolences, to our former
RK editor Dick Ryan, W7RGD, on the
sing of his mother, Verna. Our hearts
prayers are with Dick and his family.

Have a great 4th! See you next
nth. 73, Kathleen, N0EYK

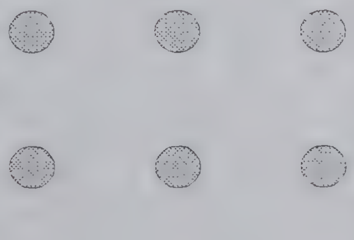
FLEA MARKET'96
Do it!

LOGGER'S PUZZLER

Last month's puzzle was too simple. To make two rows of four coins, just move one coin in the row of four on top of the middle coin in the row of three.



Seeing spots? Hope not, because this month we have more. In the drawing below, you must draw a line through all nine dots making only four straight lines. The lines may cross each other, but you aren't allowed to retrace any lines or to lift your pencil from the paper. Can you do it?



de The Puzzler

July 1996

W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURD
	1 *Dominion Day (Canada)* # 'BOB' - N7BH #'TONY' KB7MPD #'BRAD' KB7PZV #'MARV' KC7JKA # JOHN -KC7OQW	2 147.28 NET 7:30 PM ----------------- #'BARB'- W7UYL #'DAVE' N7XRJ # KEITH-KB7NVW #CHARLES-W7SZM	3 Board Meeting Club House 7:30 pm. # NONA - N7TPF #TYKIE RAWLINGS	4 *Independence Day* # HUGH-KC7IBW	5	6 PINOCHLE/POTL Club house 7pm # JOHN - W7ZT
7	8 #'NORM'- N7ILQ #DENNIS-KA7IIV	9 *LICENSE EXAMS* Club House 7:00 147.28 NET 7:30 PM ----------------- #DARRELL-W7GDP	10 W7DK MEETING Library 112 St.E.& WALLER RD.7:30pm #'RICK' -W7LKG # SUSAN -N7YFH # RANDY-KC7PLG	11 # MARIE-KA7HBG	12	13 #'ANN'- KC70
14 #'ART'-AA7BO	15 # HARRY -W7HHP # DAVE- KB7UXV	16 147.28 NET 7:30 PM ----------------- MVWS VE TESTS	17 ARES/RACES MEETING -TACID 7:00pm #'MAC'-W6NBD #MARK O'HALECK	18 # MIKE -WB7DFQ	19	20 LOGGER'S BA *DEADLINE #LORRAINE-KA7
21 # LEON- KB7CAX # JAN - KC7QFH	22 LADIES PINOCHLE CLUB HOUSE 12: Noon #'BILL'- K4QXP	23 147.28 NET 7:30 PM ----------------- #MARGARET-KA7RUQ	24 W7DK MEETING Library 112 St.E.& WALLER RD.7:30pm # ALAN - N7EAY # LES - KC7KPE	25	26	27 # LARRY- KC7
28 # REVIS -N7BUN # JAY WILLIAMS	29 # MONA -KB7AGS #'JIM'- WB7DPM	30 147.28 NET 7:30 PM ----------------- #'BILL'- N7TBQ #CHARLES-KC7ETM	31 #THERESA-KC7PLF			

# Happy Birthday!

RADIO CLUB OF TACOMA, W7DK

Tacoma Electronics Fleamarket

Saturday, August 10, 1996
Charles Wright Academy
7723 Chambers Creek Rd West
Tacoma, WA
Open 9 AM to 3 PM

Admission $4 (12 and under **FREE**)

Overnight RVs: $2 (Self Contained - Friday Night Only)

RVs: Pay upon arrival and recieve parking assignment

License Examinations - 10 AM

Bring original plus photocopy of license and a check for $6.05 made out to "ARRL/VEC"

For More Info call Alan Hughes at:
06-840-4947 or 206-596-7472 (pager)

- ☞ FREE Parking
- ☞ Ham Gear
- ☞ Commercial Displays
- ☞ Computers & Electronic Equipment
- ☞ Country Store Available for Consignment Sales

☺ Talk - In on 147.28+ ☺

RETURN THIS PORTION FOR TABLE RESERVATIONS ONLY

Make Checks Payable to RCT Setup Friday 5 - 9 PM and Saturday 5 - 9 AM

Mail to: Radio Club of Tacoma Box 11188 Tacoma, WA 98411

#	Description	$
	Non - Commercial Tables @ $15 each All Tables sold do not include any admissions	
	Seller/Helper Admissions @ $4 each We reserve the right to limit the number of helpers	
	Commercial Booths @ $40 each includes 2 admissions	
	Total Enclosed =	

Name: ____________________

Call: ____________________

Address : ____________________

____

City: ____________________

State: ______ Zip: ____________

Phone: ____________________

Do you Need Power? YES NO

Power is Limited, First come First Served

COMING EVENTS

JULY 3 - Board of Directors meeting - 7:30 PM - at the Clubhouse - all members are invited.

JULY 9 - License exams at the Clubhouse - 7 PM

JULY 10 - Club Meeting - Library Center - 112th & Waller Rd.
7:30 PM - Program: Field Day '96 Report - Brian, KA7KUZ, and Stan, N7KMF

JUN 13-14 - IARU World Radio Championship Contest

JUN 13-14 - World Radiosport Team Championship

JULY 19-21 - Pacific N.W. DX Convention - Monarch Hotel - Clackamas, OR

JULY 20 - Southern Oregon Coast Hamfest - Coquille, OR

JULY 24 - Club Meeting - Library Center - 112th & Waller Rd.
7:30 PM - Program: -to be announced-

AUG 10 - Tacoma Electronics Flea Market - Charles Wright Academy

Don't forget!
W7DK
FLEA MARKET
'96
August 10

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

ADDRESS CORRECTION REQUESTED

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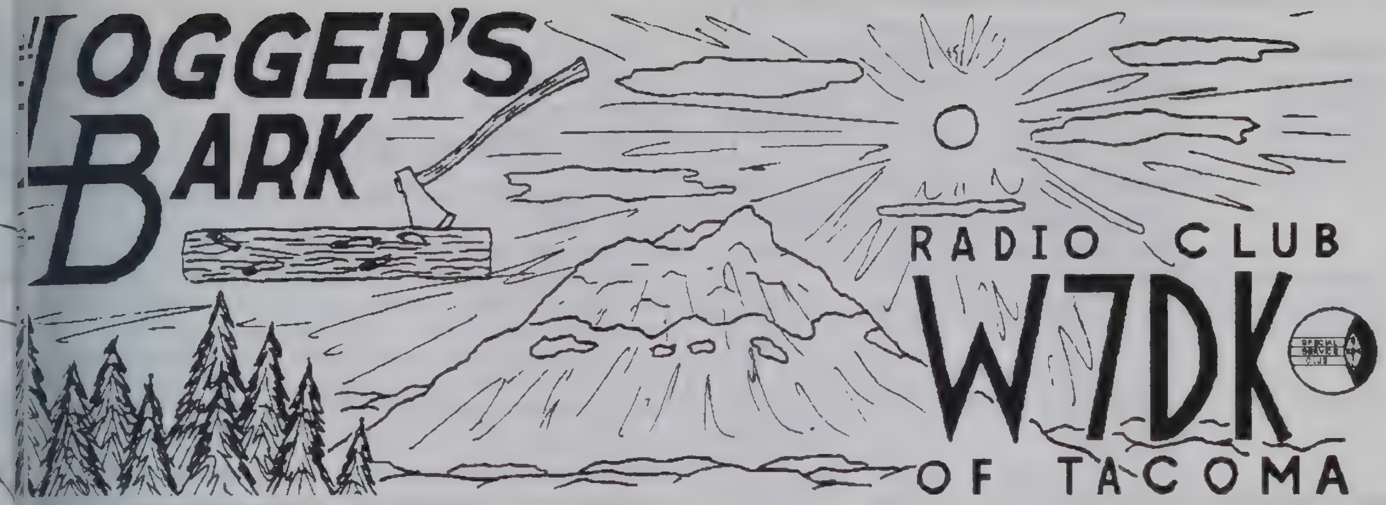
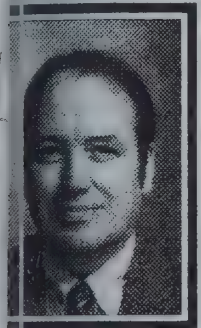
OGGER'S BARK

RADIO CLUB W7DK OF TACOMA



OL. XXXIII NR. 8 W7DK AUGUST 1996

FROM THE PRESIDENT



WB7DFQ

As we move into the "dog days" of summer, sometimes our interest in Amateur radio begins to decline. We have completed all of the antenna projects which we dreamed about last winter, worked all of that rare DX, and even the excitement of Field Day is over. And at this stage of the uspot cycle, propagation is less than ideal, so I uss there is nothing left to do but relax in the hde and wait for fall.

But wait!!! There is something left to do.

The W7DK flea market is going to be held on e 10th of August and we need your help. When I a help, I mean more than buying a ticket and curing the tables for the best bargains. We need ols to help set up the facility, transport the vendor's stff" to the tables, direct traffic, and provide secu- ity We are even going to set up a food concession an can use some help there too. Have you ever ondered why the guy in line in front of you always makes a beeline to the table with the best buys? You can be sure he was there the night before to help out, and actually helped unload those items and move them to the tables.

We can also use your help advertising the event. Talk it up everywhere you go. Mention it to anyone you talk to on the air. This is our big fund-raiser for the year so let's get people out.

To help out, contact the flea market chairman Alan, KB7SVU, at 840-4947 and he will welcome your help.

Come on fellow RCT members, let's make this the most successful flea market ever. See you there.

73, Mike, WB7DFQ

HELP WANTED!

W7DK FLEA MARKET

Set-Up - August 9th

Event Day - August 10th

◆

▶ DO THE PUYALLUP! with W7DK

Sign up to work the booth at the Fair.

PINOCHLE

SUMMER SCHEDULE

Ladies Pinochle - 12 Noon
4th Monday of the Month
at the Clubhouse.

Radio Club of Tacoma License Exams

AUGUST 13, 1996

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.05. For information call:
Jerry Seligman, W7BUN 845-7652

RADIO CLUB OF TACOMA -- 1996

PRESIDENT	MIKE CRAWFORD	WB7DFQ	531-4789
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
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TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
BOARD (5)	RUSSELL FOSTER	KB7UXK	473-6614
	RALPH FULLER	KA7FIG	582-5841
	CHARLES HICKS	WY7V	535-3696
	ALAN HUGHES	KB7SVU	840-4947
	JERRY SELIGMAN	W7BUN	845-7652
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	MIKE TREIT	KB7QOP	549-2399
	JERRY SELIGMAN	W7BUN	845-7652
PHOTOGRAPHER	STAN WARBURTON	N7KMF	535-6015
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	JERRY SELIGMAN	W7BUN	845-7652
COMPOSITOR	KATHLEEN NACE	NØEYK	862-8635
PUBLISHER	W7DK PRESS	N7QHW	265-3661

◆ ◆ ◆

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Modem or mail all articles to Kathleen Nace, NØEYK, 2812 204th Ave.Ct.E., Sumner, WA 98390. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.88 / .28 MHz 144.97 - Packet
147.98 / .38 MHz (pl 103.5) 441.00 - Packet
449.175 / 444.175 MHz KC7DDA

New Members

Penny L Fields, KC7RPF RCT#1915
924 N Pearl C-49
Tacoma, WA 98406 759-2740

James Rowe, KC7QOT RCT#1916
2239 I NE #3
Auburn, WA 98002 735-8439

Art Little, KC7RPG RCT#1918
5015 320th St. E
Eatonville, WA 98328 847-5384

Robert A Schaefer, KC7RBB RCT#1917
1301 S Pearl St.
Tacoma, WA 98465 565-2775

Reinstatements

Address/Phone Changes/Corrections

Jackie Harris, KC7CBN
PO Box 45151
Tacoma, WA 98445-0151 Phone same

Dennis Farnes, KC7IIV
3011 31st Ave. SE
Puyallup, WA 98374-1589 Phone same

Change first name for John Chryst to Jack

Robert Paschal, AAØMC RCT#1914

Fred Reed, KB7ZT Zip code: 98406

First name George, not Geirge, Herrington, N7KYM

New Calls

Alex Klawuhn, KC7RFJ

Shelley Burgess, was KC7KAO	now W7ATB
Jack Chryst, was KC7MHA	now W7CIU
Jim Stephens, was KB7TZ	now W7CSX
Dorothy Stephens, was KG7WG	now K7JQA
Louis Iverson, was KC7CQM	now W7ENR
Rufus Parker, was KB7SLX	now W7BRE

AMATEUR RADIO
Friendships
around the world!

Pss Release: March 1st, 1996Source: TAPR WWW Site (hp://www.tapr.org/tapr/html/dccconf.html)

15th Annual ARRL and TAPR Digital Communications Conference

996 ARRL and TAPR Digital Communications Conference
September 20-22, 1996
Seattle, Washington (minutes from SeaTac airport)

The ARRL and TAPR Digital Communications Cnference is an international forum for radio amateurs ir digital communications, networking, and related tehnologies to meet, publish their work, and present nw ideas and techniques for discussion. Presenters ad attendees will have the opportunity to exchange icas and learn about recent hardware and software avances, theories, experimental results, and practical aplications. The Digital Communications Conference isnot just for the digital expert, but for digitally-oentated amateurs of all levels of experience.

Not only is the Digital Communications Conferece technically stimulating, it is a weekend of fun for awho have more than a casual interest in any of the nm digital communications modes. This includes BBS oerators, networkers, DX-Cluster Sysops, software wters, modem designers, and digital satellite communations enthusiasts. The ARRL and TAPR Digital Cmmunications Conference is for all levels of digital oerators -- a must conference to attend to get active oa national level. Now, more than ever, amateur radio neds this great meeting of the minds, since it is irportant that we demonstrate a continued need for the rh frequency allocations we now have by pushing fward and documenting our achievements. The ARL and TAPR Digital Communications Conference isone of the few ways to record our accomplishments ad challenge each other to do more.

The conference is not just for the digital expert. Tis year's conference will again provide an entire nrning with beginning and intermediate presentations o selected topics in digital communications. Some of th topics will include: APRS, Satellite Communicatins, TCP/IP, Digital Radio, Spread Spectrum and oer introductory topics. Come to the conference and har these topics presented by the experts! Don't miss tis opportunity to listen and talk to others in this area.

Vhat can you expect during the 1996 ARRL and TAPR Dgital Communications Conference ?

Aull day of papers and breakouts on Saturday for the bginner to the advanced amateur digital enthusiast.

Tree workshops
Fday (4pm) - APRS, Conducted by Keith Sproul, VU2Z

Sunday (8am) - How to utilize Part 15 Radios for Ham Applications, Conducted by Dewayne Hendricks, WA8DZP

Sunday (noon) - Wireless Networking using the WA4DSY 56K RF modem Technology

The first annual Student paper session.

A banquet with a Special Guest Speaker Lyle Johnson, WA7GXD

SIGs (Special Interest Groups) on Saturday following the banquet.

Informal get-togethers throughout the weekend.

A meeting facility that is perfect for this type of meeting.

Vendor area and informal engineering discussions.

An event at which the most important new developments in amateur digital communications are announced.

Digital 'movers and shakers' from all over the world in attendance.

Plenty of Washington state hospitality!

For more info: Call K7AYC or NØEYK.

THE SKY'S
THE
LIMIT
WITH
AMATEUR
RADIO

FROM THE BARK 20 YEARS AGO

AUGUST 1976

de W7BUN

Hamfair-73 will be held this month at the Pierce County Fairgrounds near Graham. Technical semina and 75 and 2-meter bunny hunts will be featured. Also this month, the Puget Sound Council of Amateur Rac Club's picnic will be an official function of RCT. After the picnic, at Lincoln Park in Seattle, there will be no-charge Country Store. The management of the Tacoma Mall Corporation has invited the Radio Club Tacoma and the Northwest Chapter of the Quarter Century Wireless Association to set up a display in the ma Prominently on exhibit are the club's museum pieces, some dating back to 1910.

Field Day Chairman, Bill Deatherage, WA7SCN, reported that everything went well except for the ra interference between stations, poor propagation, cows, mosquitoes, Murphy ad nauseam. The FCC is proposi to take 1 MHz from the 220 MHz band to create a new CB band.

FLEA MARKET '96

Well, it's almost time for our '96 RCT Flea Market and I will need all the help possible. Setup will began at noon on the 9th of Aug. and run till 9 PM . On Sat. we will start at 5 AM till opening at 9 AM. I will need people to set up tables and help move pallets. I also need someone to run the talk-in station as Eva, WB7QNS, has retired. Remember, this is your Flea Market. This is how we make our operating expenses. Please set aside sometime and help out .

Thank you.
Alan, KB7SVU

FLEA MARKET'96
Do it!

Editor's Note

de N0EY

July has slipped away. I hope that summer has not melted too many of us down! Now, if I could just conjure up some of this heat during next winter!

Our next Club event that needs our attention is our Flea Market. Alan, KB7SVU, is in need of LOTS volunteers to help with the many activities require to make the event a success. More than enoug help is much better than not enough. Please gi Alan a call at 840-4947 and volunteer to he lighten his stress level!

Also, right around the corner, is the Weste Washington FAIR. The FAIR runs from Sept. 6 through Sept. 22nd this year. As required in o contract with the FAIR, we will have representative of our Club in our Hobby Hall booth during all t hours the Hobby Hall is open. As of July 31st, have 64 slots to be filled. Here is your chance to something for the Club and amateur radio and ha a great time doing it. I'll have the calendar at Club meetings or give me a call at 862-8635.

DO THE PUYALLUP!
See you next month!
Kathleen, N0EYK

or Sale

W7DK

urplus Equipment

The following is a list of surplus club property that is being disposed of. Items will be sold to the highest bidder. If you are interested in an item you can contact me for more details or to arrange to see the item. I'll take offers for items until Aug. 9 and then the best offer takes it. Anything left over will be listed again or taken to the W7DK swapmeet to be sold. Make checks payable to The Radio Club of Tacoma. If you have any items that you want to donate to the club please contact me to arrange the details. Michael Compton, KB7ZDR, ph. 206- 5144, e-mail: ncacaver@aol.com or contact me on the 147.280 MHz club repeater. I am at most club etings and usually make it to the clubhouse Saturdays.

All items are "AS IS" I have looked at each item and all are in good or better condition unless noted. All are plete and I have powered up most items but don't have time to run complete testing on all items. All sales na

Item	Description	Minimum Bid
1	Video Monitoring System, Uniden model VM 100, new in box. (missing manual) consists of CCD camera, power supply, monitor and mounting hardware. For monitoring another room, watching kids etc. Easy to install. Radio Shack sells a similar unit for $299	$100
2	Filter, Notch and Bandpass, ERC model SL-55 new with manual. Nice filter for older rigs without bandpass and notch filters. (May be the same as 62.)	$20
3	Phototachometer, Abbeon Cal Inc. model AB74 new in box, with manual. Very nice analog style instrument, measures rotational speed, 2400 & 12,000 RPM scales.	$35
4	Antenna, 220mhz, glass mount. Antenna Specialists model HM-220.3G new in box	$25
5	Waveform monitor, Leader model LBO-310HAM new in box with accessories. Displays output (RF) waveform. Very nice professional quality. 1.8 to 54mhz (yes 6 meters)	$50
6	Adaptors, Connectors etc. Box of misc. small items too many to list. Grab Bag	$10
7	Microscope, measuring. K & E model 40 thousands of an inch scale. New in box. Used for measuring very small items. useful for stamp collectors, machinists. Very nice.	$30
8	Alarm System, Kolin Industries model CD-101. new in box. Self contained alarm system with horn type siren with built in control circuits. Open and closed loops. 12 volt	$20
9	Siren, horn type. Thomas Industries model KM-8300 12 volt. Alarm system siren	$10
10	RFI Filter, CB, CPI model FL-1 TVI filter for CB radio. very good quality new in box.	$5
11	Tachometer, digital, Biddle model 9970 contact type tach 35k RPM new in box, nice.	$35
12	Speech Processor, Daiwa model RF-440. new in box RF speech processor. RF speech processor installs between mic and radio. 6db improvement. Very nice unit.	$25
13	Power failure alarm, Markson model ESD-1000L New 2 units. Plug a device into this and it emits an audible alarm if power fails or plug is pulled.	$5 each
14	Entrance monitor system, photocell. Rodann. New. Photocell, lightsource, power supply, and chime. Goes "ding-dong" when someone walks through the door. Used in shops, stores etc. Complete system. Tested.	$20
15	Antenna, 440mhz, glass mount. Avanti model AP 450.3G. New in box	$25
16	Wireless Microphone system, Daiwa model RM-940 infrared wireless mic system for mobile use, extra sensor, windscreens.	$15
17	Paddles, Iambic. Ham-Key. New.	$10

Item	Description	Minimum Bi
18	Calculator, Hewlett-Packard model HP-32E New with accessories	$1
19	Timer, Sprinkler Control, Dayton model 2E220 new in box 7 day timer for watering lawn or other applications. Commercial quality.	$1
20	Remote controller, Icom IC-RM2 for Icom IC-211, IC-245, IC-701. New in box	$4
21	Calculator, Hewlett-Packard model 41C new. Includes printer, programs, security cradle, extra memory module, etc. This was the Cadillac of calculators in it's day.	$2
22	Handi Talki, GE model PR25 440mhz with accessories 2 units "as is". Older commercial handhelds, crystal controlled, with charger, spare batteries, parts etc.	$15 a
23	Thrust Bearings, misc. 3 units new	$10 eac
24	Timer, security lighting, Hutec model V101 2 units, new. Turns lights on and off at programmable intervals. Fits in single gang electrical box.	$5 eac
25	Power Chopper, ERI model GR new, reduces power consumption of AC induction motors. appliance plugs into box and box plugs into ac outlet.	$
26	Calculator, Hewlett-Packard model 33-E with accessories. new in box	$2
27	Remote Control system, BSR model X-10 Control box and 9 remotes. 2 systems. Remote control of lamps and appliances for your home. Uses house wiring as control lines.	$20 eac
28	Microcassette recorder, Lanier model 60	$2
29	Distiller, water, Home Still Inc. model 400 new in box. Makes distilled water at home.	$2
30	Phone set GE model 513A1B1 for transceiver use. Was used for business band radio.	$
31	Microphone,base, business band, Motorola model TMN6016A	$
32	Water Filter, Water Washer model 1000 new in box Attaches to your faucet and runs the water to a filter canister with silver in it and then back to the faucet where the filtered water returns without the germs.	$1
33	Scanner VHF, UHF programmable, Tennelec model MCP-1 older programmable scanner, 15 channels, 31.180-51.655mhz, 151.180-171.655mhz, 451.180-471.655mhz	$1
34	Infrared detector, sensor unit, Colorado Electro-Optics, model IP-37 mounts in wall single gang box. must be connected to alarm controller. New in box	$
35	Antenna coil, mobile, 220mhz, 5/8 wave, NLA mount, Larson model NLA-220. New in box, 2 units. Note: NLA mount type	$10 eac
36	Antenna coil and whip, 150 mhz , Larson model NLA-150 should work ok on 2 meters. Note NLA type mount	$1
37	Antenna coil and whip, 440mhz, Larson model NLA-440. Note NLA mount type.	$1
38	Antenna mounting kit, mobile, Larson model NLA-K new in box. Through the roof type, fits the above NLA mount type antennas	$1
39	Walkie-Talkie, headset type,49mhz,Cobra model HC-200 new in box 2 units	$30 s
40	DTMF to Dial Pulse Converter, Data Signal model DPC-221. New in box with manual. Was used to convert DTMF tones to telephone dial pulses. Obsolete piece of gear but has a very nice 19 inch rack mount case with no holes in front panel. Solid state. Sold for parts.	$2
41	DTMF regenerator, Data Signal model DTR-16 new in box with manual. Receives DTMF tones from a receiver and cleans them up and retransmits them to a phone line or other device. 19 inch rack mount case with no holes in front panel. Sold for parts	$2
42	Timer, 7 day, Dayton model 2E214, new in box. large industrial quality ac line voltage timer for lighting etc. 40amp 4 circuits Very nice	$2

em	Description	Minimum Bid
3	Styrofoam Cutting Machine, Marvel Maker model 9050 uses a hot wire to cut Styrofoam. Cuts circles etc. Looks new. Nice hobby item.	$10
4	Talking clock and recorder unit, Omnicron model TCE-124 new in box. Consists of 2 units, a long playing tape recorder and a clock module. The recorder is VOX operated or switch operated. When the recorder gets a message the talking clock states the time of day on the tape. System can be connected to phone line, scanner or other radio. When a call comes in the recorder automatically records it and the clock adds the time to the message. With extra tapes, microphone, interface unit, case etc.	$40
5	Printer, dot matrix, Amp model 88T. older printer (1980), extra ribbon, new in box	$10
6	Receiver, Satellite TV 3.7-4.2ghz, ICM model TV-4300, new in box	$25
7	LNA, Satellite TV, 3.7-4.2ghz, Amplica model ACD305305. New in box	$25
8	Autopatch unit, Simplex, Data Signal model SAI-800, with accessories. New in box. Controller to give your basic autopatch capabilities, with multiple digit access control unit.	$35
9	Ultrasonic Detector, Heathkit model GD-39. New in box. Unassembled. Heathkit intrusion alarm. Has two ac line outlets on back that turn on when alarm is triggered. One is delayed for alarm and one is instant for a lamp. Unit is disguised as a book. I have one that I use to turn on a lamp when I came in. Worth buying just for the fun of assembling a real Heathkit.	$35
0	Pump, submersible, Little Giant Corp., Big John (big bad john) model 8-CBA. 3500gph runs on 115vac. Dan, you could pump out your basement after the next rainstorm. New in box	$50
1	Antenna, CB, Invisible Ear, mobile low profile antenna. Mounts under the mirror of your car. Antenna wire hangs down across the dash. Some kind of tuning gizmo on it to resonate the short wire. Might work as a good portable 10m QRP antenna.	$2
2	Battery Charger, NiCad, C, D, AA, 9volt household types. Saft model CC-1. New in box	$5
3	Foot Switch with cable new in box. Nice little footswitch for your transmitter.	$2
4	Speaker, mobile extension, Speco model CBS-240 new in box. Extension speaker for your mobile rig with mounting bracket and cable. Nice	$5
5	Power Supply, Linear Amplifier, Dentron model AC-1200. New in box. AC line supply for a Dentron MLA-1200 Linear Amplifier. 2250V B+ line with 6.3V, 12V and 125V supplies. For tube type linears. With Schematic	$50
6	Alarm System Controller, Heathkit model GDA-1158-1. New in box (kit). Complete Set	$100
7	Ultrasonic Detector, Heathkit model GDA-1158-2. New in box (kit)	part of 56
8	On-Off transmitter, Heathkit model GDA-1158-3. New in box (kit)	part of 56
9	Emergency Transmitter, Heathkit model GDA-1158-4. New in box (kit)	part of 56
0	PLL Transmitter, Heathkit model GDA-1158-6. New in box (kit)	part of 56
1	Phone Dialer, Heathkit model GD-1156, new in box (kit) Complete Heathkit alarm system. Unassembled Heathkits. Uses house wiring to carry alarm signals. Extra sensors can be added. Enjoy the fun of building a real Heathkit, the Cadillac of kits. **(Items 56 through 61 sold as a complete set only.)**	Part of 56
2	Filter, Audio Active, ERC model SL-55 Notch and bandpass. Connects to audio out of receiver. SSB and CW Useful for older rigs without modern filters. 115vac. New	$20
3	Filter, Audio Active, Autek Research model QF-1A Notch and bandpass. Connects to audio out of receiver. 115vac. New	$20
4	Code Reader, Atronics model The Code Reader. Morse code reader, displays characters on red led display as they are received. New.	$20
5	Labelmaker Kit, Dymo, 1/2 inch tape, extra wheels, tape	$5

Item	Description	Minimu B
66	Power supply, 12V, 1.2A, Wall wart type with Cig. Lighter type jack. 2 units	$3 eac
67	Winch, Electric, Tower. Wilson model EW 45. 115vac, no cable, looks new	$5
68	Computer System, Rockwell model AIM65 with accessories. New in box. This is an older (1980's) computer system, looks like a giant desk top calculator with a bunch of accessories including a 350kb 5 1/4" drive, e-prom programmer, extension card cage, case, power supply, printer, extra cards, parts, modem and more. Good for experimenter or learn how computers work. With manuals. Many hours of entertainment for not much money. Melt it down and recover the gold. Get it out of my garage. Please!	$2
69	Power Supply, uninterruptable, Mayday model 60+S. New in box. For computer use, switches on line when the line voltage fails so that you can exit the program you are running and save the data. Requires a 12 volt automotive type battery for power.	$3
70	Power conditioner, computer, ESP model KL-500-ISO, 500watt. New in box. Prevents brownouts and surges to your computer. Big and heavy. Professional quality.	$3
71	Car Alarm system, Keytronics model SP 777 pager type alarm, signals pager when alarm is tripped. Works on the CB band.	$
72	Paint Gun, De-ionizing, with transformer, professional quality. New	$1
73	Battery pack, NiCad, Icom model N-900C and charger BC-20 new in box. Fits Icom portable transceivers models IC-502, IC-202, IC-212.	$1
74	Watt Meter, Dentron mode W-2, forward and reflected meters, 200 and 2000 watt scales, 1.5-30mhz, very nice. New.	$2

ARES/RACES

◆ W7DK HF STATION ◆

These columns will return next month.

CW: Getting Started

W7DK
FLEA MARKET
'96

BE THERE!

HELP NEEDED!
Set up on August 9th.
Event on August 10th.
Call Alan, KB7SVU, at 840-4947

Amateur Radio Exams

in the Puget Sound Region as of May, 1996

1s **Tuesday** - 7 PM - **Puyallup** Fire Station, 128th St. one block west of Meridian, Puyallup - Contact Mike Horbul, KI7YB, 845-2545.

1s **Thursday** - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 481-2361, Bothell

1s **Saturday** - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, **Kent** - Contact Burt Mendez, KB7ZCW, 824-2785, Seattle

2r **Tuesday** - 6:30 PM - **Everett** - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2r **Tuesday** - 7:00 PM - Radio Club of **Tacoma** Clubhouse - Contact Jerry Seligman,W7BUN, 845-7652

2r **& 4th Thursdays** - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2r **Saturday** - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3r **Tuesday** - 7 PM - **Auburn** - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3r **Saturday** - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3r **Saturday** - 1 PM - **Renton** - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3r **Saturday** - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3r **Saturday** - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave - next session - September 21 - Contact Nick Bender, NX7W, 249-4671, Montesano

4t **Tuesday** - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4t **Wednesday** - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4t **Saturday** - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4t **Saturday** - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

S**niannually** - Saturday - 9:30 AM - **Olympia** - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

Plase send updates to: Jerry Seligman, W7BUN, 12306 8h Ave East, Puyallup, WA 98373 - Phone: 845-7652

◊ News from the ARRL ◊

de Jerry, W7BUN

W7BUN

Shuttle mission STS-78 spent nearly 17 days in space and the astronauts made all 11 scheduled SAREX contacts with schools in the US, Australia, France, and Canada. Many contacts with individual hams were made, including a two-way voice QSO with WA5ZIB who was running 5 watts into a 5/8 wave vertical antenna. STS-79 was due to launch July 31 on a nine-day flight. This MIR docking mission will use FM voice only and will have three hams on board.

Frances A. McKenney, the daughter of the late, well-known DXer and contester, Katashi Nose, KH6IJ, has been issued her father's call sign under the vanity call sign program. Frances, 43, lives in Honolulu.

To mark the 150th anniversary of the Smithsonian Institute, NN3SI at the National Museum of American History in Washington, DC, will offer a special certificate QSL for contacts August 10-11, 1996, 1400-2100 UTC. SSB 40, 30, and 17 meters. 7250, 14250, and 18160 kHz plus or minus 5 kHz. CW 40 and 20 meters, including 7100-7150 kHz. FM 146.52 MHz.

Alinco has announced 4 to 17.5 % price reductions on its entire line of radios. The company says it's passing along savings from a favorable dollar-yen exchange rate and more efficient design and manufacturing processes.

LOGGER'S BARK SUBSCRIPTION

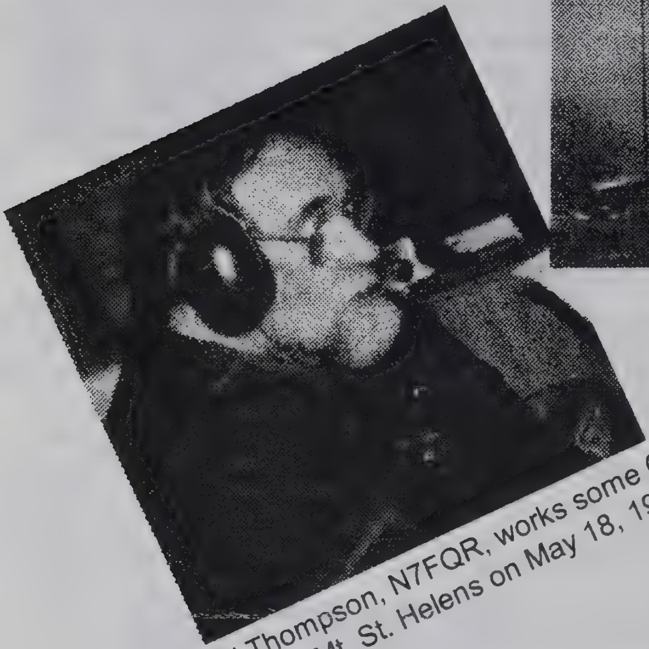
Please send all new and renewal subscriptions for the *Logger's Bark* to:

Shirley Murphy, N7QHW
161 Maple Lane NW/Raft Island
Gig Harbor, WA 98335-5949

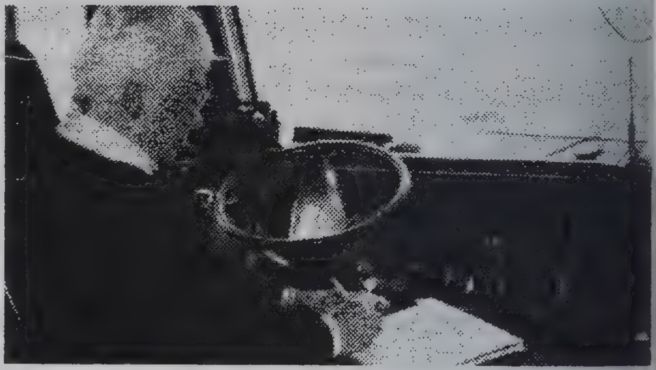
Subscription fees are $7.00 each year. Check your address label to see when your subscription expires. Names will be removed from the mailing list upon expiration so renew early. If you are too far away to join the club but are interested, sign up for a subscription to the *Logger's Bark* at just $7.00 per year.

Mt. St. Helens Photos

Camp St. Helens - Home of WA7ASH/80, operated by members of W7DK, on May 18, 1996.



Bud Thompson, N7FQR, works some QSOs from Mt. St. Helens on May 18, 1996



Shirley, N7QHW, making those steering wheel Qs!

Mike, KB7QOP, sends out WA7ASH with the help of a keyer.

Lorna, KB7YTJ, logs in another contact for WA7ASH.

VERNA RYAN

The Radio Club of Tacoma has lost another faithful servant - not in recent years, but definitely in its history.

Verna Ryan, mother of Dick, W7RGD, passed away June 22nd at the age of 92. A native of Tacoma, she was born and raised, then worked, married, parented, cared for an extended family and remained within a ½ mile radius of 11th and K Streets.

She was a devoted wife for 43 years but Harry had to share her attention all of that time because Verna was always making a home in their home for an additional family member - her father, his father, and Dick. Dick's hip problem kept him hospitalized in Seattle from 1939-1945 and Verna was by his side nearly every day and glad to finally get him back home.

She always had time for fun and enjoyed her years as a member of the Auxiliary (since 1952). She worked hard on the rummage sales, the cleaning projects, the quilting sessions, the Field Day food, and enjoyed being in the ladies bowling league (10 Radio Club teams in the 1960s) and the pinochle tournaments. You could always count on Verna to lend a hand. She also gave time to the Mary Bridge Orthopedic Guild and the Order of the Eastern Star.

After Roy, W7AZI, lost his last aunt, he arranged to adopt Verna during a special get-together in our back yard. Max Bice, W7AEA, was master of ceremonies and took Verna by surprise when he had Don Perry, K7QLC, present her with an official "AUNTSHIP" Adoption Certificate dated May 11, 1973, signed by County Clerk, Don Perry, complete with the seal of the Superior Court of Pierce County. The fine print gave nephew status to Roy, granting him the power to shower love and affection on his new aunt. Verna was very surprised but accepted with pleasure. They both enjoyed that special relationship from then on.

Verna leaves lots of friends among the club membership. Her 2 sons, 3 grandchildren, 2 great granddaughters, and nieces and nephews will miss the love she always had to give.

We all will miss her.

Ethel, W7WLX

N7TEP and N7TEN

Our sincere condolences go to the families of George, N7TEP, and Betty, N7TEN, Andrews for their untimely deaths on July 16, 1996. George and Betty had been members of the Radio Club of Tacoma and were active in Club events.

ACCIDENT & BODILY INJURY
LAW OFFICES OF
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AJ7Y

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E-mail: 2ndbyte@kendaco.telebyte.com

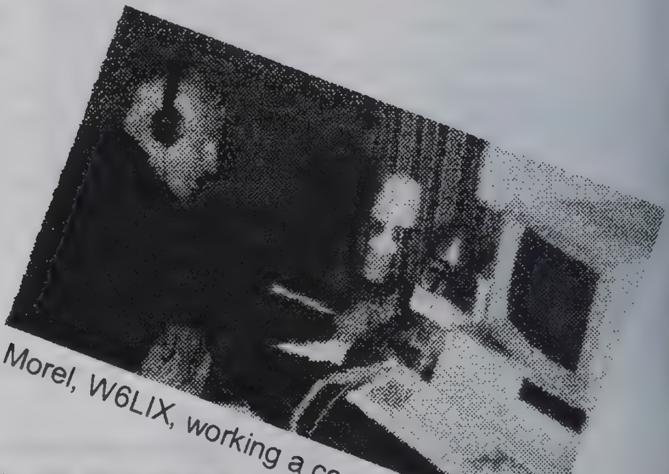
See you there!

W7DK

FLEA MARKET '96

Some Field Day Photos!

Les, KA7MYU, and Harry, N7DOE, pulling out those 10 meter QSOs while onlookers kibitz!



Morel, W6LIX, working a contact on 40 CW.

Worth, W7WG, listens for another 40 CW contact.

MINUTES

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING MINUTES
June 24, 1996

The Radio Club of Tacoma meeting was called to order at 7:30 PM by President Mike Crawford, WB7DFQ. We had one new member present - Penny Fields, KC7RPF

TREASURER : The treasurer, Shirley, N7QHW, reported we had 460 paid members.

HEALTH & WELFARE: Verna, mother of Dick, W7RGD, passed away.

PROGRAM: Jerry, W7BUN, introduced Bob Churchward, W7RXS, who talked about some of the early days at the club and showed some home movies of early gatherings. Jerry, W7BUN, made a few comments to round out the program. Ask him to explain QAS.

VE EXAM: Jerry, W7BUN, made a public announcement of the coming VE exam session that will be held at the clubhouse on Saturday for Advanced and Extra class licenses only.

ARES & Flea Market: Alan, KB7SVU, reported that ARES is still in need of zone managers, secretary , vice president and net controllers. Anybody wishing to fill any of these vacancies please contact Alan or Bob, KB7NBQ. The next activities will be the Fourth of July at the Soldiers home, the Tour de Pierce at the fair grounds and the Strawberry Festival on Vashon Island.

Flea market is Aug. 10 and we have received sanctioning from the ARRL. Please sign up to help out at the market.

ARRL: Jerry, W7BUN, reminded us to send our comments in on the band allocation for 2 meters and the 70 cm band for use by LEOS satellites.

BARK: The mailing party for the BARK is Friday, June 29 afternoon in the clubhouse. Bulk mailing has changed its rules. Shirley, N7QHW, is attending a seminar to learn about these changes. She is looking for someone to be a backup coordinator for the mailing for times when she is not available so the **BARK** will not be delayed. If you have the some time available, please look into sharing some of it for the good of the club.

Field Day: Mike, KB7ZDR, reported a good time was had by all and everything went smoothly. However, they are looking to increase the size of the 10 M beam as it was only 57 feet long this year. Jerry, W7BUN, asked that if any operators have supplies left over, such as logs and dupe sheets. Please turn those back in so that they can be used again next year.

First contact: Chuck, WY7V, presented a first contact certificate to John, KC7QFF. Chuck also presented a forgotten radio to Rich, N7ANF, who departed the VHF station during Field Day without it. What a classic display of integrity and brotherhood which is characteristic of our club members.

HINTS & KINKS: Russell, KJ7YP, reported that during Field Day he followed a packet conversation of a fellow from Texas while connected on AMSAT through Canada and into Florida, where he tied into the internet. Now who said you can't get any distance on VHF?

TUNING & TRAFFIC: Africa has been open on 20 M during the day, so go out and catch a rare one.

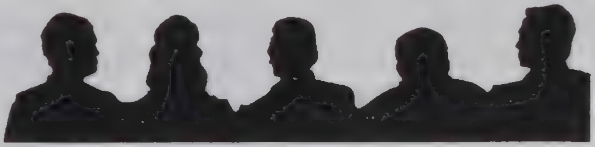
Certificates: Penny Fields, KC7RTF, received her DK membership certificate. Also available were certificates for Alex Klawuhn, KC7RFJ, Fred Reed, KB7ZT, and Bob Paschal, AA0MC.

ADJOURNMENT: The meeting was adjourned at 8:30 PM.

Attendance: 53

Respectfully submitted,
Mike Horbul, KI7YB, Secretary
Radio Club of Tacoma

W7DK FLEA MARKET
AUGUST 10, 1996



RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
June 5, 1996

The Radio Club of Tacoma Board of Directors meeting was called to order at 7:30 PM by President Mike Crawford, WB7DFQ. Five board members and eight guests were present, representing a quorum. Bill, W7GBC, Chuck, WY7V, and Ralph, KA7FIG, were absent.

SECRETARY'S REPORT & CORRESPONDENCE: Minutes of the last board meeting were approved as printed in the **BARK**.

TREASURER'S REPORT:

GENERAL FUND CHECKING	$1,108.53
REPEATER FUND CHECKING	571.51
PACKET FUND CHECKING	500.00
FLEA MARKET CHECKING	1,496.69
MONEY MARKET SAVING	10,632.68
SCHOLARSHIP WORKING FUND	600.00
SCHOLARSHIP MEMORIAL FUND	2,759.73
CASH on HAND	4.84
TOTAL ALL ACCOUNTS	$ 17,997.98

There are 461 paid 1996 members.

FLEA MARKET: Alan, KB7SVU, reported that reservations for tables are way down from last year. Jerry, W7BUN, voiced concern that we could lose money on the Flea Market due to the low response. The board decided to review the status at the next club meeting. Alan also reported that the Flea Market is now officially sanctioned by the ARRL.

CLUBHOUSE: Brian, KA7KUZ, said that both generators had been repaired by Lou, KB7WDB, and were back in the garage. The Clubhouse station is working well. He is also planning to promote activity during the IARU contest and the trip to Montana. Brian requested the Club Banner which had just been repaired by Kati Lee, KC7DDB. She made a very nice, neat, ingenious repair. Brian also requested a push up mast and 20 M beam to take along on the Montana and Northwest Territories expedition which departs the 17th.

BARK, FAIR: Kathleen, NØEYK, asked for **BARK** articles to be in by the 12th.

The FAIR is starting on September 6th for 17 days and Kathleen will have a sign up poster ready for the next radio club meeting.

OLD BUSINESS: The property tax relief has been sent in but, no response has come back. The cars next door have been moved and it appears that the former occupants have moved out.

NEW BUSINESS: Ray, W7KFN, recommended we help the Sheriff's Dept. chaplains van by donating some equipment. He said that we are required to make donations like this because of our Non-tax status. Bill, W7GBC, is out of the hospital and back at home.

ARES: ARES has only 4 active officers. It is in desperate need of more active people. It is also no longer involved in EOC Search and Rescue.

ADJOURNMENT: The meeting was adjourned at 8:35 PM.

Attendance: President Mike, WB7DFQ, Secretary Mike, KI7YB, Treasurer Shirley, N7QHW, Russell, KJ7YP, Alan, KB7SVU and Jerry, W7BUN. Also, in attendance were Rob, K7TGU, Al, KC7DDA, Brian, KA7KUZ, Danny, KC7CUQ, Kathleen, N0EYK, Ray, W7KFN, and Dick, KB6PWR.

Respectfully submitted,
Mike Horbul, KI7YB, Secretary
Radio Club of Tacoma

SUPPORT
OUR
FLEA MARKET
AUGUST 9 & 10

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING MINUTES
JULY 10, 1996

The Radio Club of Tacoma meeting was called to order at 7:30 PM by President Mike Crawford, WB7DFQ. Bob Cook, KB7YTH, received a round of applause for his upgrade to General class from Tuesday nights license exam session at the clubhouse.

CORRESPONDENCE: We received flyers from the Mid-Valley ARES group in Salem, Oregon who are holding their 2nd Swap-Toberfest on Saturday, October 26.

TREASURER : The treasurer, Shirley N7QHW report we had 464 paid members.

PROGRAM: Bill, W7GBC, our program chairman a Vice President introduced the program for the evenir Stan, N7KMF, who has taken numerous slides at our cl events again had a collection of slides of Field Day. Bri KA7KUZ, who is never at a loss for words, provided t narration for the presentation.

ARES: Alan, KB7SVU, reported the Tour de Pierce at t fair grounds is this weekend. The ARES group is still need of zone managers.

VANITY CALL SIGNS: The second gate has opened clubs who have had there call signs before March obtain a previous members call. The Antique Wirele call sign falls outside of this group so we will have to w before obtaining Doc Spike's old call sign.

Shelly, KC7KAO, now W7ATB, and her fath Jack, KC7MHA, now W7CIV, related a story of obtaini her grandfather Russell's call signs. Russell is a sile key from the early days of the club.

BARK: The deadline for **BARK** articles is the 14th.

The FAIR: Kathleen, NØEYK, passed around a sign for this years FAIR booth which has 102 time slots th need to be filled. Tickets will be provided during the d you volunteer to operate the booth. Each time slot allo ample time during the rest of the day to see the sigh from the pig races to the flower competition. Everybod welcome to participate and if you're new to club it will easier for you to remember how you got started in am teur radio and tell that potential new ham how much f you're having.

CLUBHOUSE: Brian, KA7KUZ, is excited about the exp dition that is leaving next Wednesday to Montana for t Glacier-Waterton Hamfest and the journey following the Northwest Territories in Canada. He is trying to s up some radio schedules. At least 40 M CW will be activ The September DXpedition is the last weekend for t Washington QSO Party. Brian is trying to solidify arrang ments for that event.

FLEA MARKET: The date is getting closer, August 10 Please notify your friends and invite them to participate. is a great place to sell your shack paper weights a obtain new ones.

TUNING & TRAFFIC: Danny, KC7CUQ, reported worki Christmas Island in the South Pacific on 20 M , July 4 from the clubhouse. Please use the club station. That what it is there for and with the great setup we have makes it easy to work those rare ones. **Certificate** James Rowe, KC7QOT, received his DK membersh certificate. Also, available was a certificate for Rob Schaeffer, KC7RBB, and QSL cards for contacts ma with DK at the Beach. These cards are available pickup at the meetings only.

ADJOURNMENT: The meeting was adjourned at 8: PM.

Attendance: 53

Respectfully submitted,
Mike Horbul, KI7YB, Secretary
Radio Club of Tacoma

August 199

W7DK EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1 #'JIM'- N7RUL # JOHN-KB8MAU	2 # 'RENE' SMITH #'BOB' KB7TQA # ROBIN-WA7BRI #'LARRY'KD4VOM	3 # WILMA PARKINSON
4 #'PHIL'- W7PFZ	5	6 147.28 NET 7:30 PM # FRANK- KG7HB # DUANE-KC7AIH # BRET - AB7AI	7 Board Meeting Club House 7:30 pm #'EVE'-WB7QNS # DAN - KC7BMK #'ED'- KB7FEW	8 # 'BOB'- N7YFG # GLENN-KC7IKL	9 #'ED'-KA7LGV # FRAN KC7DAG	10 *RCT Electronics Fleamarket* # DON -K7QLC # VEDA -KC7BMP # DALE -KC7LZI #'DON'- N7TBL
11	12 # RALPH -K7ITW	13 *LICENSE EXAMS* Club House 7:00 147.28 NET 7:30 PM	14 W7DK MEETING Library 112 St. E.& WALLER RD.7:30pm # 'BOB' KB7NBQ	15 #'BOB'-KB7NBF	16 # JACK-K7DBU # DEAN-WB7EJO	17
18	19 #'RUSS' KC7EKI	20 147.28 NET 7:30 PM MVWS VE TESTS LOGGER'S BARK *DEADLINE*	21 ARES/RACES MEETING -TACED 7:00pm # BOB - N7QOZ # BOB - WA7OEU	22 # MARION-WV7Z	23 #'BOB'-KF7KI #"PEGGY"-N7IRW #'MIKE'-KI7YB	24 # RALPH-KA7FIG # NANA - N7OIX # CHRIS KC7IBL
25 # JOHN-N7XOW # ARNOLD -KC7JPP	26 LADIES PINOCHLE CLUB HOUSE 12:Noon # DORIS -W7BHI	27 147.28 NET 7:30 PM #MARILYN KJ7BN	28 W7DK MEETING Library 112 St. E.& WALLER RD.7:30pm #'GENE'- W7BTV	29 #'MAX' W7AEA # 'BUD' N7FQR # CRAIG-KC7LZJ	30 #'GENE'- W7IIU	31 # CANDY-KB7KJX #'BOB'- KG7DB #'JACK'-KC7MHA

July

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

September

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

Happy Birthday!

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

NON PROFIT ORG.
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PAID
TACOMA, WA
PERMIT NO. 1078

ADDRESS CORRECTION REQUESTED

COMING EVENTS

AUG 3-4 - Spokane Hamfest

AUG 3-4 - ARRL UHF Contest

AUG 3-4 - Ten-Ten Summer Phone Contest

AUG 3-4 - North American QSO Party - CW

AUG 7 - Board of Directors meeting - 7:30 PM - at the Clubhouse - all members are invited.

AUG 10 - Tacoma Electronics Flea Market - Charles Wright Academy - 9 AM

AUG 10-11 - Worked All Europe Contest - CW

AUG 13 - License exams at the Clubhouse - 7 PM

AUG 14 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM
Program: >>To be announced<<

AUG 17-18 - North American QSO Party - Phone

AUG 17 - Longview Swap Meet - Cowlitz County Fairgrounds

AUG 18 - Antique Radio Swap Meet - Shoreline Museum Parking Lot
N. 175th & Linden Ave., Seattle

AUG 24 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM
Program: >>To be announced<<

AUG 31-SEP 8 - Hiram Percy Maxim Birthday Celebration Contest

SEP 6 - 22 - DO THE PUYALLUP! with W7DK in the Hobby Hall.

Don't forget!
W7DK
FLEA MARKET
'96
August 10

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

9/96

NON PROFIT ORG.
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TACOMA, WA
PERMIT NO. 1078

ADDRESS CORRECTION REQUESTED

COMING EVENTS

AUG 31-SEP 8 - Hiram Percy Maxim Birthday Celebration Contest

SEP 4 - Board of Directors meeting - 7:30 PM - at the Clubhouse - all members are invited.

SEP 6-22 - Western Washington **FAIR** Be W7DK in the Hobby Hall!

SEP 7 - Pinochle 1996-97 Potluck - First meeting - 7 PM for Potluck, 7:30 PM for cards

SEP 10 - License exams at the Clubhouse - 7 PM

SEP 11 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM
Program: <<< TO BE ANNOUNCED >>>

SEP 13-15 - ARRL National Convention - Peoria, IL

SEP 13 - FRIDAY THE 13TH Repeater QSO Party - 4 PM to 10 PM

SEP 20-22 - Digital Communications Conference - SeaTac

SEP 21 - Portland Hamfest - Rescheduled for 1 day only

SEP 21-22 - WA State QSO Party - Clark County WA

SEP 25 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM
Program: <<< TO BE ANNOUNCED >>>

SEP 27-29 - 50th Annual Walla Walla Hamfest - National Guard Armory - Walla Walla, WA

**Don't forget!
W7DK
at THE FAIR '96
September 6-22**

Friday the 13th Repeater QSO Party

Objective:

To promote inter-club activity through contacts with other amateurs in the northwest via the repeaters the participating clubs.

Rules:

The QSO party will run from **4:00 P.M. to 10:00 P.M. Friday, September 13, 1996.** Make a minimur of one contact with one or more amateurs on three of the following five repeaters:

Friday the 13th

North Kitsap Amateur Radio Club
145.29 MHz Tone = 110.9 Hz

Mike and Key Club
146.82 MHz Tone = 103.5 Hz

Radio Club of Tacoma
147.28 MHz No Tone

Burley Amateur Radio Club
145.35 MHz Tone = 103.5 Hz

North Mason Amateur Radio Emergency Service
145.29 MHz Tone = 103.5

Exchange:

With each contact, exchange name, radio club affiliation (if any), location, number of years you have been a ham, and any other information you would exchange in a QSO. Making schedules for contacts on othe repeaters is encouraged.

Logs:

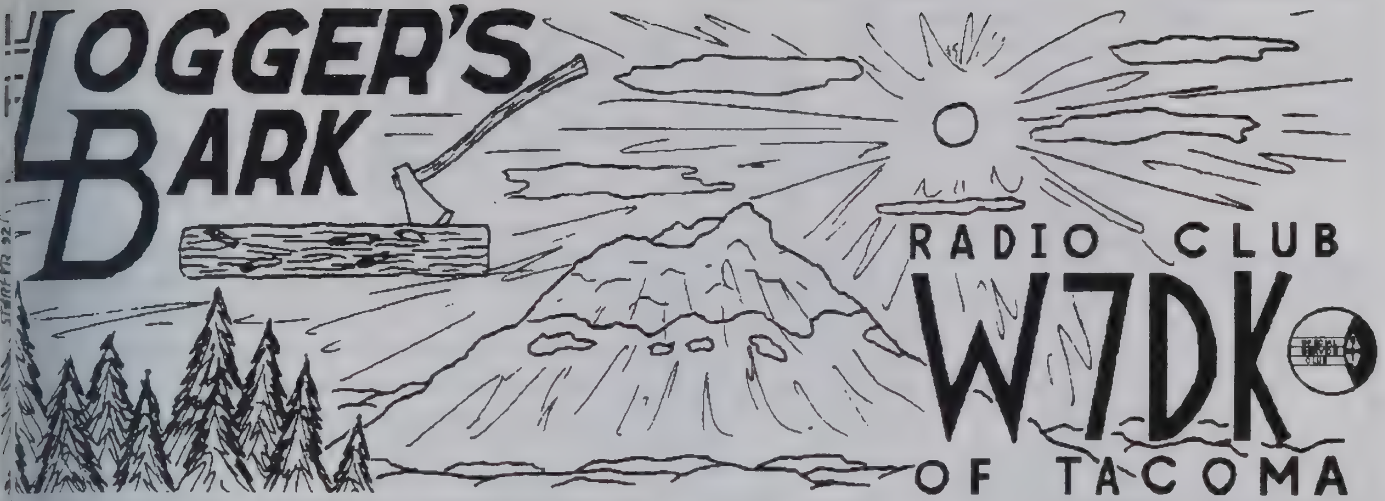
Keep a log of each contact including exchange information.
Submit logs prior to **October 1, 1996**.

Mail logs to: Tom Sanders (W6QJI), PO Box 450, Port Orchard, WA 98366.
E-mail logs to: WW2END@aol.com
FAX logs to: (360) 895-3282 attn.: Tom Sanders (360) 876-1399

QSL Cards:

QSL Cards will be sent to each operator submitting a log showing the minimum number of required co tacts. A special endorsement will be made on cards for logs showing contacts on all five repeaters.

JOIN IN THE FUN!

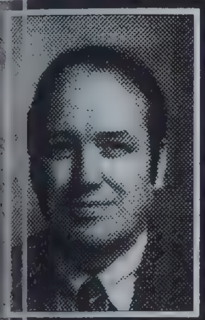


LOGGER'S BARK

RADIO CLUB W7DK OF TACOMA

OL. XXXIII NR. 9 W7DK SEPTEMBER 1996

FROM THE PRESIDENT



WB7DFQ

Well, summer is almost over and along with it, the W7DK summer operating activities. Don't despair though, we still have things to do this fall.

In September, we have a special DXpediton to Southwestern Washington which Brian, KA7KUZ, will describe in greater detail further orn the Bark. On October 20th, we will be celebrating th Radio Club of Tacoma's 80th birthday. We are c rently planning an on-the-air contest and some other acvities for that weekend. This should be a fun time so tryto set aside some time to participate. Above all, dc't forget our booth at the Western Washington Fair in eptember. There are still lots of time slots left to fill sccall Kathleen, NØEYK, and sign up.

At the last board meeting, it was decided that th only workable solution to the problem of "outlaw" pking in the clubhouse parking lot was to erect a fece and gate. We are currently planning a fence buding party on October 12th along with a breakfast ar possibly a potluck lunch. Before that date, we will ned to be setting posts and getting ready in general. As soon as the plans firm up, I will be seeking volunteers to help out. I would like to give a special word of thanks to the AROWS for the $500 donation to go toward materials for the fence.

Our annual flea market was a success thanks to the diligent efforts of Alan, KB7SVU. He put in a lot of hours to insure that everything would work out and it paid off. I won't try to name all of the individuals who helped out, but you know who you are and your contributions are greatly appreciated. A big "THANK YOU" goes out to the Mike and Key Club, for without them, the event wouldn't have been nearly as successful. In fact, there were times when more of the helpers were members of Mike and Key than were members of The Radio Club of Tacoma. Doesn't speak too highly of us does it?

Remember, elections are coming up in November and the nomination process starts with the naming of the nominating committee at the first meeting in September. If you would like to run for a club office, just let one of the nominating committee members know. It is an interesting and challenging way to serve your club.

73, Mike WB7DFQ

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▶ **DO THE PUYALLUP! with W7DK**

Call NØEYK to sign up to work the booth.

PINOCHLE

2 gatherings each month

Pinochle & Potluck - 7PM

1st Saturday of the Month

Ladies Pinochle - 12 Noon

4th Monday of the Month

Both gatherings at the Clubhouse.

Radio Club of Tacoma License Exams

SEPTEMBER 10, 1996

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.05. For information call:

Jerry Seligman, W7BUN 845-7652

RADIO CLUB OF TACOMA -- 1996

PRESIDENT	MIKE CRAWFORD	WB7DFQ	531-4789
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
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	RALPH FULLER	KA7FIG	582-5841
	CHARLES HICKS	WY7V	535-3696
	ALAN HUGHES	KB7SVU	840-4947
	JERRY SELIGMAN	W7BUN	845-7652
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COMPOSITOR	KATHLEEN NACE	N0EYK	862-8635
PUBLISHER	W7DK PRESS	N7QHW	265-3661

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CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Modem or mail all articles to Kathleen Nace, N0EYK, 2812 204th Ave.Ct.E., Sumner, WA 98390. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma
147.88 / .28 MHz 144.97 - Packet
147.98 / .38 MHz (pl 103.5) 441.00 - Packet
449.175 / 444.175 MHz KC7DDA

New Members

Edwin B "Ed" Hunziker, KC7SAA RCT# 1919
11307 East D St
Tacoma, WA 98445 206-537-7539

Reinstatements

Carl F Rosevear, KB7LIG
PO Box 1528
Puyallup, WA 98371-0215 206-770-9708

David Dodd, WB7AUJ
address and phone same

Address/Phone Changes/Corrections

Alex Braidwood, W7AZR
Add APT 251 to street address

New Calls

Bill Watson, was KB7QDJ now W9BYH

PINOCHLE 1996-1997

The 1996-97 Pinochle Tournament will g
started on September 7th at the Clubhouse, and w
continue on the first Saturday of each month. V
welcome newcomer couples or singles.

The evening starts with a potluck supper at
PM. Bring whatever food items you wish. We a
usually delighted with the well balanced meal th
appears. If you do not wish to take part in the potluc
arrive at 7:30 PM to play cards. Card playing is finish
about 9:30 PM. We play two games which end w
scores of 1500 or the one hour time limit, which ev
comes first. There are prizes for the winner(s).

The tournament consists of a possible
evenings of play beginning with the first Saturday
September going through the first Saturday in Jur
Winners and losers are determined from the indivi
ual's 6 best monthly scores. You must have 6 to quali

Any questions? Please call Ethel, W7WLX,
752-3216.

LADIES!
We also play on the 4th Mondays from noon til 3
PM. There is always room for more players! Brir
a sandwich for lunch. See you there!

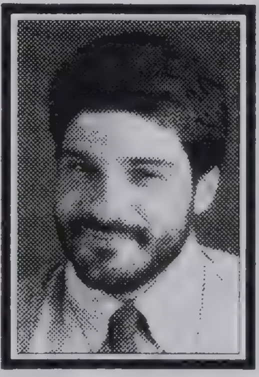
AMATEUR RADIO
Friendships
around the world!

W7DK
HF STATION

de Brian, KA7KUZ

W7DK/VE8...what more needs to be aid? Hope all of you got a chance to work us om the Northwest Territories. For me, it was uly an adventure of a life time, for amateur radio nd my own personal experience. The country is ide open with people scattered even farther in etween. The sun stays up except for just a few ours and even then, there is a twilight to the north at is always there. I was amazed to see a lake big you could not see the other side and a river wide to make the Columbia look like a creek. 'e met several amateurs and were thankful for eir hospitality. This trip will not be something I will oon forget nor will the Radio Club of Tacoma as we ke the club to new places in the world. If you want to ear and see more then come to the first club meeting October where we will be putting on a slide presen-tion of W7DK/VE8 and a special presentation for ose that helped make the trip possible. I want to mind all of you to get your QSL cards in early. We're anning a special card for this one. Before I leave this ubject, I want to thank two very special people, Lou, B7WDB, and Worth, W7WG, for all the special ings they did to make this trip a success. Thanks uys!

Has anyone heard of Rush Drake, W7RM? ust about every ham in the Northwest has. But if you aven't, let me fill you in. Back in the 70's and early 0's, Rush lived on Foul Weather Bluff (northern tip of itsap County near the Hood Canal Bridge) and had ne of the most impressive amateur stations in this ate. The transmitting antennas were at the top of the iff, getting the best take off angle while the receiving ntennas were down at the beach which filtered out the ateside noise. You could have your pick of contacts om that station and many contest records were set om the station. Well, Rush has moved but his station just as impressive. Rush now makes his home in La enter, near Vancouver, WA. I went to visit him and ee his station recently with Dan, N7QWH, and Mike, B7ZDR. We were very impressed with the set up. he station is set up to operate 10 meters through 160 eters with stacked antennas on towers ranging from 5 to 175 feet. **But the most important point to mphasize is that Rush has invited the Radio Club f Tacoma to operate his station during the Wash-ngton State QSO Party on September 21 and 22.** If ou have ever said to yourself "If I only had a super tation running one and a half kilowatts, I could make any contact," then now is your chance.

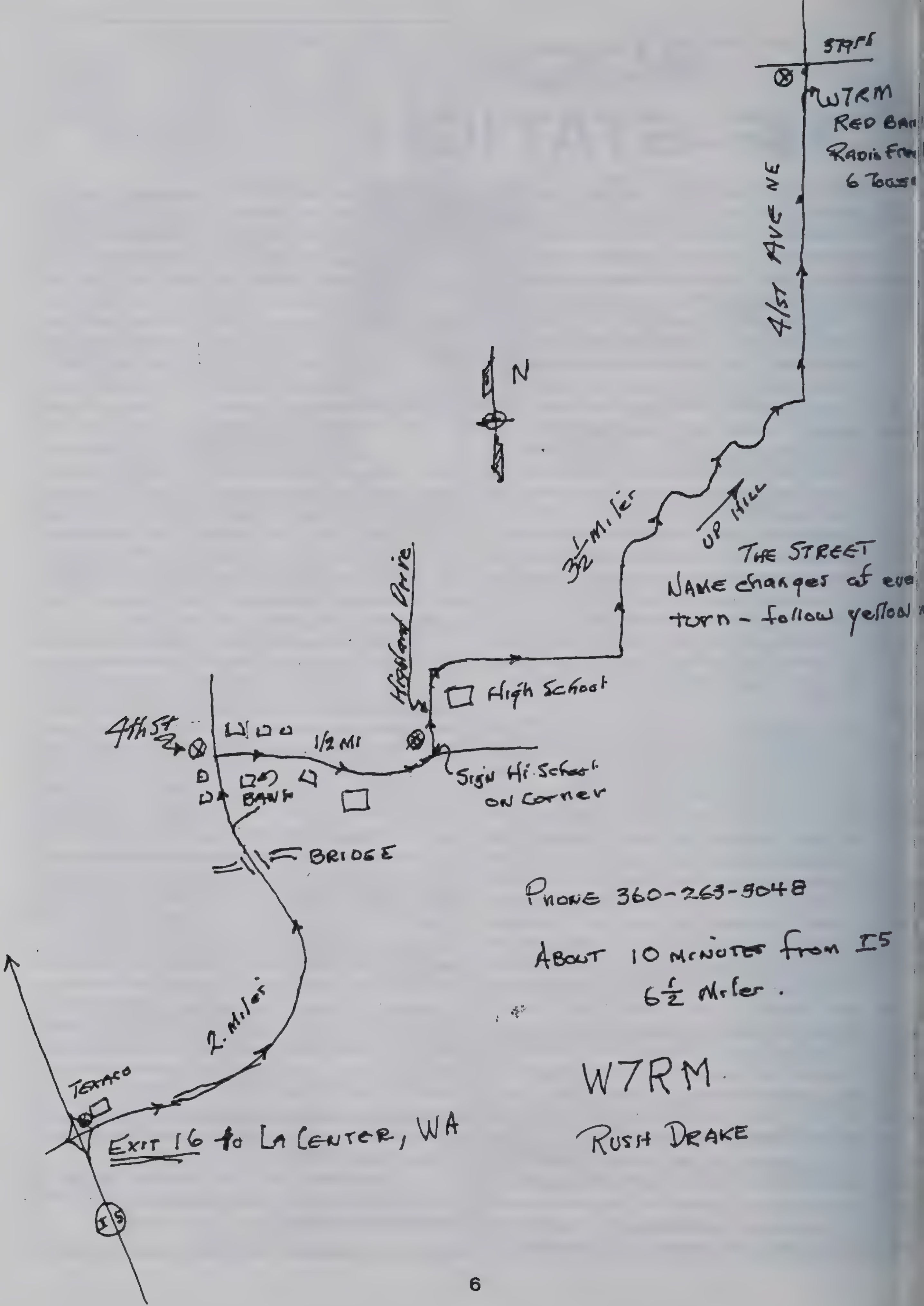

KA7KUZ

There are many ways you can participate in this contest. I need you to be a part of this year's Washington QSO party. We will be running both CW and phone, so you can pick what mode best suits you. Although certain bands are only active during certain times of the day or night, I hope we can keep a continuous signal on all bands. That's where you come in. I need as many operators as possible to keep the CQs going on all the bands. Come down and work a station for an hour or two and help us secure a winning position in this year's QSO party. You might even be able to brag that you were a part of the team that beat the BEARS! If you don't have any experience or you don't have the license for HF privileges, don't worry. There will be plenty of help (maybe even a few pointers from the master himself, Rush) and there will be control operators all over the place.

I plan on leading an advance group from the clubhouse on September 20th at 2 PM. We will get things set up and put the final touches on the station. The contest will begin at 5 AM on Saturday, September 21st and run until midnight. The contest takes a break until 5 AM Sunday morning and runs until 5 PM. If you can't attend, look for W7DK sending CW at 1.805, 3.530, 7.030, 14.030, 21.030, 28.030, 3.700, 7.125, 21.150, 28.160 MHz and calling CQ on phone at 1.850, 3.925, 7.260, 14.280, 21.380, 28.380 MHz. All you have to give for the exchange is a signal report (always 59) and the county you live in (presumably Pierce County). If you work W7DK on the air, you'll get a great QSL card and if you work W7DK on more than one band, you'll get a certificate. If you want to be a part of operating this station, contact me or see me at one of the club meetings and I'll arrange a time for you to operate. Although the station is complete for antennas, I'll need 5 HF radios and 3 additional computers. We'll also need folks with RV's for the overnight lodging (Rush can accommodate a few in his house). There is plenty of space for parking of RV and personal vehicles, so this should not be a concern. I will need a few brave souls to take charge of the cooking (maybe even a BBQ).

Come be a part of W7DK when we operate from W7RM for the Washington State QSO Party. Everyone is welcome.

73, Brian


379th
W7RM
Red Ban
Radio Fro
6 Towe
41st Ave NE
N
Up Hill
3 1/2 Miles
The Street
Name changes at eve
turn - follow yellow
Highland Drive
High School
4th St
1/2 MI
Sign Hi School
on corner
Bank
Bridge
2 Miles
Texaco
Exit 16 to La Center, WA
I 5

Phone 360-263-3048

About 10 minutes from I5
6 1/2 Miles.

W7RM

Rush Drake

ARES/RACES

Each month, I receive **"The Radiogram"** wich is a Group Health Cooperative Amateur Radio Cmmunicator Publication published by Marina Zuetell wo is the Emergency Coordinator for WWA Medical Srvices Team. She reprinted the following article from th Emergency Responder on the winter floods.

Winter Disaster Update

The State Department of Emergency Managenent newsletter has some interesting statistics on the mgnitude of the winter flood and wind storms damae:

As of June 3, 1996, a total of more than 13,700 daster victims have registered for assistance as a rsult of the November-December 1995 floods and wdstorm, and January-February 1996 floods. The laer disaster includes more than 12,000 of the registrnts. Here are other totals combined from both disastes:

More than $17 million in disaster housing assistace has been distributed to more than 8,800 applicnts.

More than $57 million in low interest disaster lons have been approved by the US Small Business Aministration to help home owners, renters and businsses.

Individual and family grants totaling more than $.4 million have been approved for disbursement to mre than 2,400 disaster victims for repair of homes ad replacement of necessary personal property.

Public assistance disaster reservists have writtn more than 2,900 disaster survey reports on damaed or destroyed bridges, culverts, roads, levees, ad other public infrastructure in flood-stricken areas. Itis estimated state and federal dollars to repair or rplace the facilities will exceed $120 million.

The Emergency Management Division is workig with local jurisdictions to develop and approve pans that will utilize the more than $26 million in hzard mitigation funds to reduce the effects of future floding.

June was the deadline for filing applications for eher disaster relief or hazard mitigation loans.

The US Department of Agriculture was making eergency loans available to commercial agriculture pducers who were affected by flooding from Jan. 29 -Feb. 23. Presidential Disaster Declaration 1100 for te flooding included the Yakima Nation and 24 countis in Washington State.

N7QHW

ARRL Sets S.E.T. Dates

The ARRL announces a change in this year's official Simulated Emergency Test (SET) dates - moving it up a week to avoid conflict with another popular radio event Jamboree on the Air(JOTA). *This year's* S.E.T. will be held on October 12-13, however all ARES teams may conduct their annual test anytime between September 1 and November 30, if an alternate date is preferred.

The purpose of this annual event is to determine the strengths and weaknesses of ARES and NTS, (National Traffic System), RACES, and other groups providing emergency communications. It also provides a public demonstration -- to served agencies such as the Red Cross, Civil Preparedness, and through the news media -- of the value amateur radio provides, particularly in time of need. Another benefit is to help radio amateurs gain experience in communications using standard procedures and a variety of modes, under simulated emergency conditions. Points are awarded for meeting each of several criteria for participation, and a report is submitted to ARRL Headquarters.

Be sure to contact Alan, KB7SVU, at 840-4947 or Bob, KB7NBQ, at 875-0755 if you want to participate or have any questions about ARES/RACES.

73 Shirley, N7QHW

Editor's Notes

de N0EYK

Summer is fleeting! School is about to start and it is time for the FAIR! One of W7DK's continuing special events/public awareness programs is our information booth in the Hobby Hall at the Western Washington FAIR. This is a tremendous opportunity to present amateur radio and a number of its various aspects to a large segment of the community. The FAIR runs from Sept. 6 - 22. There are still openings to work the booth on Sundays and weekday evenings. PLEASE call me at 862-8635 to offer a hand to support this opportunity to meet the public.

See you next month. Kathleen, N0EYK

Amateur Radio Exams

in the Puget Sound Region as of May, 1996

1st Tuesday - 7 PM - **Puyallup** Fire Station, 128th St. one block west of Meridian, Puyallup - Contact Mike Horbul, KI7YB, 845-2545.

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, **Kent** - Contact Burt Mendez, KB7ZCW, 824-2785, Seattle

2nd Tuesday - 6:30 PM - **Everett** - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clubhouse - Contact Jerry Seligman,W7BUN, 845-7652

2nd & 4th Thursdays - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - **Auburn** - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave - next session - September 21 - Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

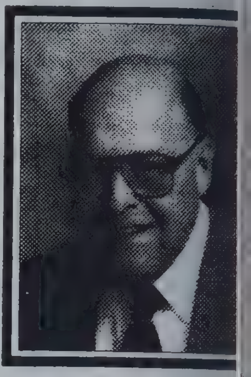
4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

◇ News from the ARRL

de Jerry, W7BUN



W7BUN

FCC will be opening Gate 2 (for those with an Extra class license) September 23rd. Remember, your application will not be considered if it arrives before the opening date. (W7BUN has the required FCC 610V forms).

Individuals and nets receiving malicious interference are invited to send e-mail describing all circumstances to the ARRL counsel, Chris Imlay. will forward the details to the FCC. His e-mail addr is: 247-8845@mcimail.com. Send a copy to Rick P at ARRL Headquarters at: rpalm@arrl.org.

Since the FCC is not keeping their end of bargain by actively resolving two or three cases interference per year, the ARRL Board of Directors aggressively pursue legislation in Congress which give the FCC the authority to suspend the amat operator's license of a licensee who has willfully intentionally violated FCC rules.

The limited ARRL staff in Washington, needs more staff to effectively represent the Amat Radio Service. With the current push for spectrum commercial entities, attending meetings to formul the US position at World Radio Conferences, and duties through the International Amateur Radio Uni the ARRL Board of Directors has approved an increa in the Washington staff.

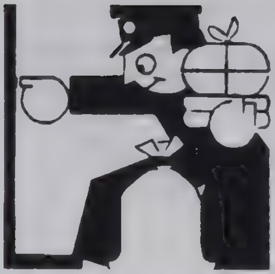
The World Radio Conference (WRC) in 19 will amend the rules for amateur radio. One of proposals (from New Zealand) is to eliminate the quirement for proficiency in Morse code in order operate below 30 MHz. The ARRL will be sending questionnaire to its members to determine their op ions. Many countries feel that each country should able to set their own requirements for amateur censes. Changes at the international level do not n essarily mean that there will be domestic changes.

The ARRL will be petitioning the FCC for a n change to permit Advanced class Volunteer Examin (VEs) to administer all examination elements requir for the General class license. This may help solve shortage of VEs in sparsely populated areas.

The blanket exemption for amateur radio fr RF safety standards will be ending. Effective Janu 1, 1997, Part 97 of the FCC rules will be changed require hams running more than 50 watts PEP conduct routine RF radiation evaluations to determin RF fields are sufficient to cause human exposure to

vels in excess of those specified. The FCC encour-
ged the amateur community "to develop and dissemi-
ite information in the form of tables, charts, and
omputer analytical tools that relate such variables as
erating patterns, emission types, frequencies,
wer, and distance from antennas." The Commission
ys it intends to provide "straightforward methods for
mateur operators to determine potential exposure
vels" by year's end. "Push-to-talk" mobile and
rtable radios will be excluded from routine evalua-
tions.

This year's premier Amateur Radio digital com-
unications event, the 1996 ARRL and TAPR Digital
ommunications Conference is September 20-22 in
eattle. This international forum is for both beginners
d experts in digital communication, networking, and
lated technologies to meet, publish their work, and
esent new ideas and techniques for discussion. An
tire morning will be given over to beginning and
termediate presentations on ARPS, satellite commu-
cation, TCPIP, digital radio, spread spectrum, and
her topics. Numerous workshop presentations will be
eld throughout the conference. For more details call
APR at 817-383-0000 or E-mail: tapr@tapr.org.



ZIPcode + 4 New Mailing Regs

In order to reduce our mailing costs as much as possible, we will be doing our Third Class Non-Profit Bulk Mailing using the Zipcode plus 4 addressing and printing bar-codes on our labels. An example of this is 98335-5949.

As a result of this, I ask each member to submit the Zipcode plus 4 when giving us a change of address. You should be able to get this information by calling the Post Office and requesting it. For the initial mailing, the Post Office is updating our current mailing lists. It is only future changes that need to include the additional information.

Also, the Post Office will not forward third class bulk mail. So it is very important for you to get your address changes to us before we mail the BARK each month. We usually mail the BARK right at the end of the month so help us out and let us know when you move. You can contact myself, Shirley, N7QHW, at 206-265-3661 or Dick, W7RGD, at 206-627-0922.

Thanks and 73 !!
Shirley, N7QHW

More Mailing News

You may have noticed that the traditional 'back page' now covers the front page that has our masthead. This is being done to help us comply with the new regulations with regard to mailing using bulk rates. By putting the **BARK** together in this way, the points of the corner staple will be folded to the inside of the newsletter, reducing problems with scanning equipment at the Post Office. Last month, I changed the location of the address block on the back page so that the fold of the newsletter would be at the bottom. There will be a few other changes with next month's issue. Then we should be set with the new regulations.

Please do help us out with timely address changes. It will save the Club money and you will GET your newsletter.
Thanks.
Kathleen, NØEYK

ACCIDENT & BODILY INJURY
LAW OFFICES OF
DOUGLAS K. SMITH, P.S.

(206) 471-1000
(800) 585-8500

AJ7Y

DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409

31620 23RD AVE S
SUITE 101
FEDERAL WAY, WA 98003

OFFICE 206 839-6650
TACOMA 206 927-7600
24 HR 206 529-7384
FAX 206 839-0145
RES 206 952-7388

REALTOR

LORNA MCALLISTE
MARKETING SPECIALIS

QUALITY STREET
John L. Scott
REAL ESTATE

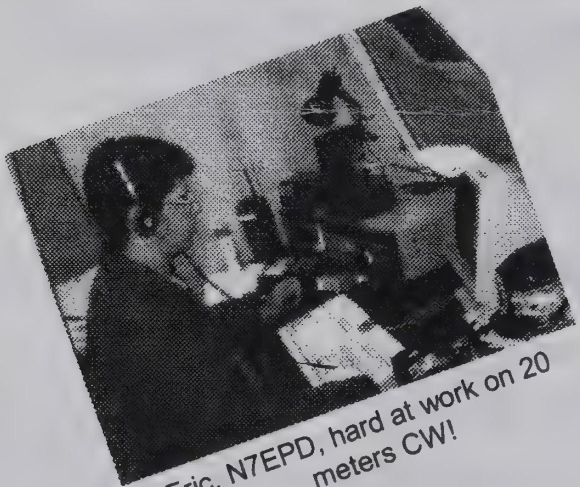
SECOND BYTE
NEW & USED MS-DOS COMPUTERS
**ACCESSORIES,
PERIPHERALS,
AND UPGRADES**

N7ARO

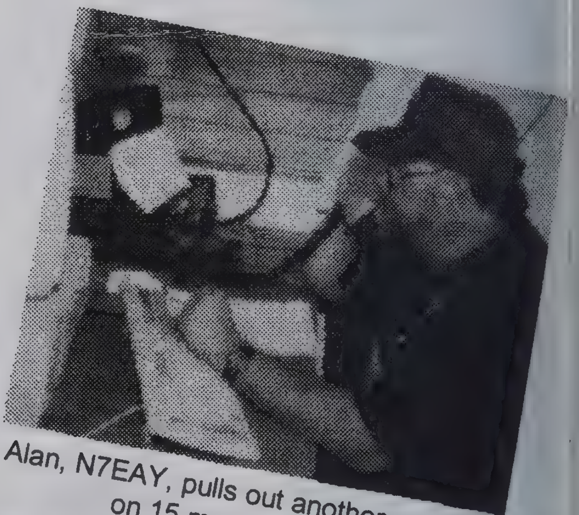
Roy Richards
642 NE Woods Ct.
Bremerton, WA 98311
Voice/Fax: (360) 479-2619
E-mail: 2ndbyte@kendaco.telebyte.com

CQCQ de W7DK

Some Field Day Photos!



Eric, N7EPD, hard at work on 20 meters CW!



Alan, N7EAY, pulls out another contact on 15 meters phone.

Lorraine, KA7WGG, and Nick, KC7OKR, getting those VHF/UHF QSOs.

Tressie, KC7BAL, and Alan, KB7SVU, enjoy a quiet moment.

15th Annual ARRL and TAPR

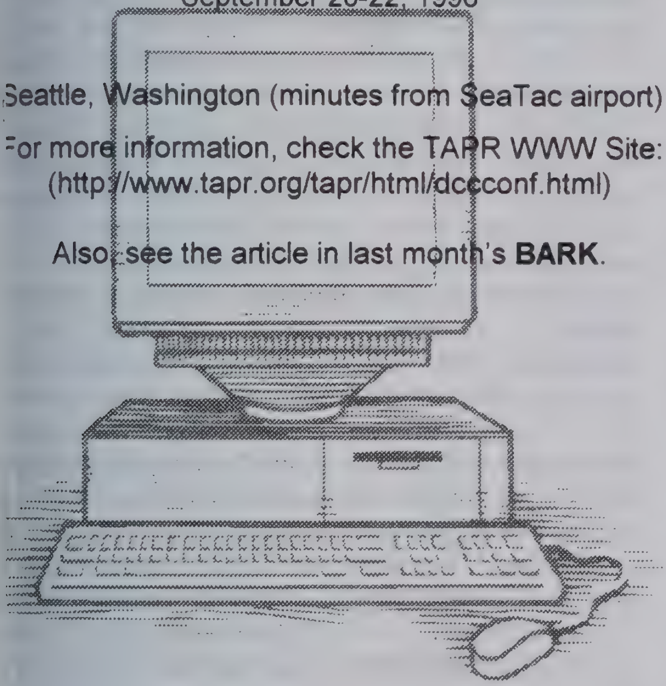
Digital Communications Conference

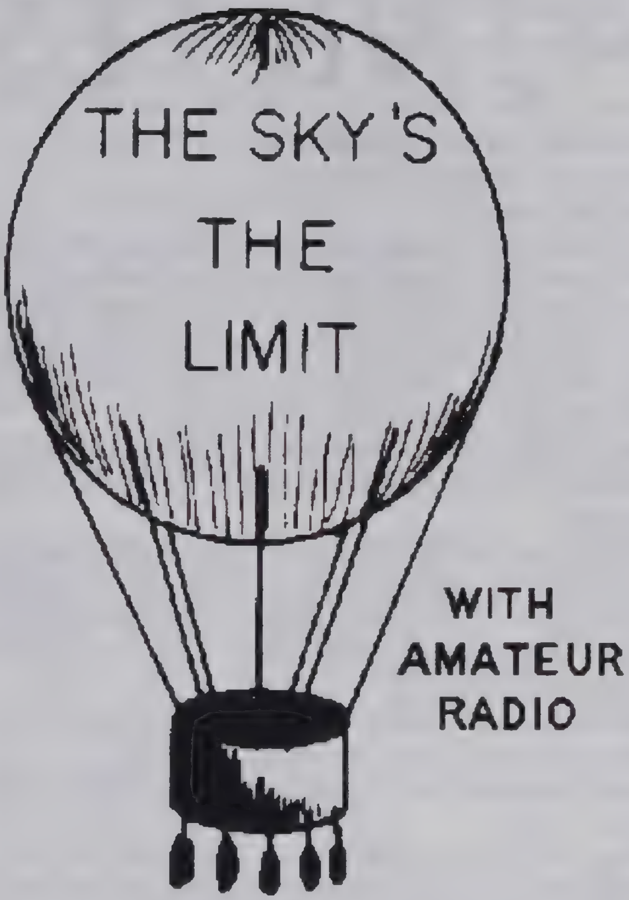
996 ARRL and TAPR Digital Communications Conference
September 20-22, 1996

Seattle, Washington (minutes from SeaTac airport)

For more information, check the TAPR WWW Site:
(http://www.tapr.org/tapr/html/dccconf.html)

Also see the article in last month's **BARK**.





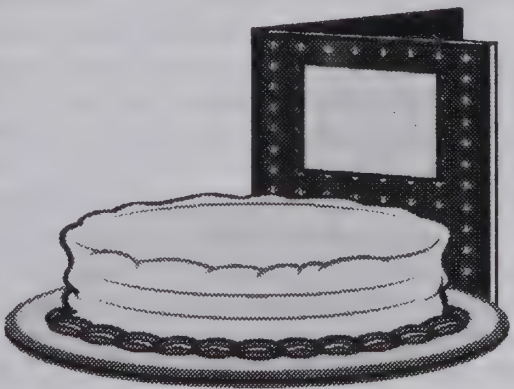
## ✻ FROM THE BARK 20 YEARS AGO ✻

SEPTEMBER 1976

de W7BUN

Hamfair-76 was a resounding success. 720 hams and over 300 unlicensed spouses and children were in attendance. 315 attended the Saturday evening dinner and 188 were at the Club's "Famous Logger's Breakfast." $3,000 worth of prizes were awarded. In the code contest, a YL copied 165 consecutive code characters at a speed of 69.2 wpm.

The 60th anniversary of the club will be celebrated at the October 13th meeting with a "homecoming" of previous and older members of the club. Doc Spike, W7OS, is in charge and has sent out over 200 invitations. Doc has received a large package of information from the South Jersey Radio Association proving they were organized four months before RCT on June 12, 1916, making RCT the second oldest continuously active radio club in the world, having been organized October 16, 1916. Although RCT had some meetings as early as 1915, the "print proof" date is October 16, 1916.



MINUTES

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING MINUTES
JULY 24, 1996

The Radio Club of Tacoma meeting was called to order at 7:30 PM by President Mike Crawford, WB7DFQ.

HEALTH AND WELFARE: Russell, KJ7YP, told us that Ed, KC7BAI, has been in and out of the hospital. Also, that Harry, KC7JQM, should be headed home from the hospital soon after an operation.

TREASURER : The report from the treasurer, Shirley, N7QHW, who was absent indicated we had 464 paid members.

PROGRAM: Bill, W7GBC, our program chairman and Vice President introduced Byron, N7RIL, from Boeing Flight Test as the guest speaker of the evening. The program included some interesting videos from some Boeing test flights.

1st CONTACT: Jackie, KC7CBN, presented Penny Fields, KC7RPF, with a first contact award.

BARK and the FAIR: The Bark party will be the middle of next week.

Many openings are available to work the Fair booth again this year. Tickets are provided for entrance. Shifts are 4 or 5 hour increments so it leaves enough time to view the other exhibits during your day. The booth is staffed for the entire 17-day run of the Fair to provide over a hundred people the opportunity to tell a little about yourself and how you are involved in amateur radio. We work in pairs and it is not necessary to have been a ham for years. Brochures are available to help explain and provide assistance.

ARES & Flea market: Alan, KB7SVU, reported that ARES training is currently going on so it is a good time to volunteer and get involved. The ARES group is in need of a chairman and a treasurer.

The Flea Market is August 10. There is still an opportunity to acquire tables so, spread the word or take the opportunity to trade in some of those ham shack dust collectors by having your own table. Anybody willing to help out please contact Alan. He is currently looking for door personnel for entry control.

TRAINING: Bill, W7GBC, stated that the first novice/ technician class will start in the fall following the Puyallup Fair.

EXPEDITIONS: The Glacier-Waterton Hamfest trip is currently in progress with Brian, KA7KUZ, being linked into the repeater from HF via the courtesy of Worth, W7WG, who links through the phone patch. This weekend they will try again from the Northwest Territories. The September DXpedition is the last weekend during the Washington QSO party and Brian is trying to solidify arrangements for that event.

ANTIQUE RADIO: Worth, W7WG, Morel, W6LIX, Bob, W7RXS, talked about the status of the an radio station. They still need some crystals and t to put it on voice. They also brought to the meeti CW code buzzer for old fashion tones and the 30 old foot key from the Clubhouse. They trade sending a few messages with their feet and in anybody to come up and try. Danny, KC7CUQ, it a try and demonstrated his version of QLF. (Q your code is so bad it sounds like your sending your left foot).

HINTS and KINKS: If that almost new radio seems like it may be just too good to be true. May is. Duane, KC7OKP, brought in a list of stolen ra that had been taken from Radio Depot over the weekend. So, if you hear of that cheap unit, it maybe stolen and you could help put some bad ap away.

TUNING & TRAFFIC: Russell, KJ7YP, reported r ing contact with MIR on voice with the American a naut. Ed, KC7OKS, reported making contact on M handheld with Brian, KA7KUZ, on the repeater Brian was in Montana. Tressie, KC7BAL, made a FM simplex contact with a fellow in Spokane.

Certificates: Penny Fields, KC7RPF, received he membership certificate. Certificates were availabl Robert Schaeffer, KC7RBB, Alex Klawuhn, KC7 Fred Reed, KB7ZT and Bob Paschal, AA0MC. QSL cards for DK at the Beach are available for pi at the meetings only.

ADJOURNMENT: The meeting was adjourned at PM.

Attendance: 43
Respectfully submitted,
Mike Horbul, KI7YB, Secretary
Radio Club of Tacoma

DO THE PUYALLUP!
Call Kathleen, N0EYK, at 862-8635 to
get on the calendar. Sundays and
weekday evenings are open.
September 6 - 22. 1996

DXpedition Adventure!
Work the WA State QSO Party
Sept. 21 &22 from a super station.
Call Brian, KA7KUZ, to get on the list.

RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
AUGUST 7, 1996

The Radio Club of Tacoma Board of Directors meeting was called to order at 7:30 PM by President Mike Crawford, WB7DFQ. Eight board members and nine guests were present, representing a quorum. Shirley, N7QHW, was absent.

SECRETARY'S REPORT & CORRESPONDENCE: Minutes of the last board meeting were approved as printed in the BARK.

TREASURER'S REPORT:

GENERAL FUND CHECKING	$1,110.81
REPEATER FUND CHECKING	571.51
PACKET FUND CHECKING	500.00
FLEA MARKET CHECKING	1,496.69
MONEY MARKET SAVING	10,676.25
SCHOLARSHIPWORKING FUND	600.00
SCHOLARSHIPMEMORIAL FUND	2,759.73
CASH on HAND	0.00
TOTAL ALL ACCOUNTS	$17,714.99

There are 464 1996 members.

MEMBERSHIP AND TRAINING: Bill, W7GBC, made sure that everyone understood that the first training class for Novice/Technicians will follow immediately after the Fair on October 7 at 6 PM.

BARK, FAIR: Kathleen, NØEYK, asked for BARK articles to be in by the 15th.

The Fair sign up roster has many openings for Sundays and weekday evenings.

FLEA MARKET: Alan, KB7SVU, reviewed the status of the fleamarket with the board. At this time, the expenses and pre-sales are near balance. Some last minute details were covered such as signs, license exam area and last minute check-ins. Some trouble was reported interfacing with Charles Wright Academy with increased rates and extra charges on rental at the facility. It was recommended by Mike, WB7DFQ, that we write a letter to Charles Wright seeking clarification of their rental policy.

OLD BUSINESS: We are seeking a museum curator.

The cars next door have returned after the new tenants moved in next to our property. The board reviewed options which ended with a motion from Jerry, W7BUN, and Ralph, KA7FIG, for a four foot chain link fence with an appropriate gate across the front of the parking lot. The motion carried. The fence will be put up in October by club member volunteers.

The board approved an exchange of equipment from the estate of Jack Shepherd, K7VOV, of a thirty year old antenna tower for a repeater cabinet and computers owned by Al, KC7DDA. Total goods were thought to be of equal value at three hundred dollars. Ralph, KA7FIG, made a motion with Chuck, WY7V, seconding, with the board passing.

GOOD OF THE ORDER: Russell, KJ7YP, inquired as to when the secure area would be fabricated in the garage. The reply by Mike, WB7DFQ, was that the project had just not been scheduled yet but was still going to be done.

David, N7UNN, brought in the packet message of the items taken from the Radio Depot during the recent theft.

Danny, KC7CUQ, brought to the attention of the board that the club needs to have a day set aside each year to recognize the birth of the club or birthday. It was decided that the day we were organized as stated in the Pacific Radio News would be our official birthday. That date was October 20, 1916, which makes us 80 years old this year. We are now planning to have a special event to coincide with the birthday celebration.

ADJOURNMENT: The meeting was adjourned at 8:40 PM.

Attendance: President Mike, WB7DFQ, Secretary Mike, KI7YB, Russell, KJ7YP, Alan, KB7SVU, Bill, W7GBC, Ralph, KA7FIG, Chuck, WY7V, and Jerry, W7BUN. Also, in attendance were Rob, K7TGU, Al, KC7DDA, Sally, KB7PKJ, Danny, KC7CUQ, Art, AA7EO, Kathleen, NØEYK, Marilyn, KJ7BN, Bud, N7FQR and David, N7UNN.

Respectfully submitted.
Mike Horbul, KI7YB, Secretary
Radio Club of Tacoma

DO THE
PUYALLUP!
SEPT. 6 - 22

SPECIAL
SERVICE
CLUB

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING MINUTES
AUGUST 14, 1996

The Radio Club of Tacoma meeting was called to order at 7:30 PM by President Mike Crawford, WB7DFQ. Members present with new calls and upgrades included Danny, KC7KAN, who recently upgraded to advanced and Bob Hagar, KI7HW, now W7SKI again after receiving his old callsign back from the FCC.

TREASURER : The report from Shirley, N7QHW, the treasurer, indicated we had 467 members.

HEALTH AND WELFARE: Tressie, KC7BAL, reported Jim, K7YLM, is going to the University of Washington for consultation on his lung condition.

WASHINGTON STATE QSO PARTY: Mike, KB7ZDR, informed us that Brian has been working on getting use of Rush Drake's world class station for use during the QSO party. The station is located in Vancouver in Clark county. The expedition to this site will be the third weekend in September.

PROGRAM: Bill, W7GBC, our program chairman and Vice President introduced Alan, KB7SVU, as our speaker for the evening. Alan brought a video of his recent antenna installations. The installations are unique in the aspect that he is fabricating mounts for the top of trees. He has successfully mounted beams with rotators on top of the trees by first topping the tree at around the eight inch diameter level, installing his mount with lag bolts and hoisting the mast and antenna in place on top of the rotator with ropes and pulleys. The last installation took place in the scenic San Juan Islands for the CEO of ICOM.

Flea market: Alan, KB7SVU, reported a profit at this year's flea market of $3010.00. The flea market was saved from catastrophe due to the help from the **MIKE & KEY** club who helped with set up of the facility. This is certainly embarrassing for the club not to have enough volunteers out of 467 members to participate in our major fund raising activity to fund club repeaters, activities, training and clubhouse. We certainly do appreciate those who have repeatedly volunteered and supported at this and other activities.

AROWS: The YLs from the AROWS presented a check for $500 to the club to help finance the building of the fence and gate on the front of our parking lot. Thank you!

BARK and the FAIR: Kathleen, NØEYK stated the Bark deadline is tomorrow the 15th.

Many openings are available for the Fair booth for Sundays and weekday nights. Marilyn, KJ7BN, has volunteered to help coordinate during the second week of the Fair.

So, for all of you that sit at home and have not been to any recent meetings, this is the time f you to get to the phone call Kathleen at 862-86 and volunteer to help at the booth and hand o flyers. What are you waiting for, another rerun Bill Clinton's political campaign from Iowa?

TRAINING: Bill, W7GBC, stated that the first novic technician class will start October 7th at 6 PM.

SPECIAL CONTEST: We will have a special conte Sunday, October 20th, to celebrate the **Radio club Tacoma's Birthday.** We will be 80 years old.

OLD BUSINESS: We have several items that ne attention at the clubhouse. The installation of the fen to prevent unauthorized parking and thru traffic on t club's property will occur Saturday, October 12th. T construction of the secure storage area in the gara and repair of the garage door which has been vand ized by neighborhood kids are also on the to do li Please contact Mike, WB7DFQ, if you can help out these projects or attend the October 9th or earli meeting for further details on the fence project.

HINTS and KINKS: David, KC7OKQ, brought to o attention the recent articles in QST pertaining to rulin which affect antennas and obscenity on the air.

Certificates: Membership certificate for Art Litt KC7RPG, was ready for pickup. Also, QSL cards f DK at the Beach are available for pickup at the mee ings only.

ADJOURNMENT: The meeting was adjourned at 8: PM.

Attendance: 48

Respectfully submitted,
Mike Horbul, KI7YB, Secretary
Radio Club of Tacoma

Do You Remember When...

The Logger's Bark was put together at the home of Scotty, K7CYZ, with Margie, K7AMJ, as Editor?

Del, W7JG, got his 330th country confirmed with an 8 element quad on a 60 foot boom?

Field Day was held at the airport of Dick Asplund?

The tower of Jim, K7YLM, fell the second time?

Mac, W7NBD, and Worth, W7WG, put the first Antique Wireless Station on the air from W7DK?

Rob, K7TGU, started up a 500 horsepower Nissan pickup truck at the Clubhouse by remote control using a 440 handheld?

Thanks to Jim, K7YLM, for these fun morsels of information.

September 1996

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1 *JAMES WA7DWG HPM BIRTHDAY CONTEST	2 *GAIL N7BVS *HOWARD N7RHM *STUART W7OQQ *SUSAN N7WHA HPM BIRTHDAY CONTEST Labor Day	3 7:30 PM RCT NET 147.28R *DAVE K7LHB HPM BIRTHDAY CONTEST	4 7:30 PM RCT BOARD MTG *LES KA7MYU *MERLE W7QLG HPM BIRTHDAY CONTEST	5 *DAN K7ASY *JAMES N7WGN *TOM W7PK HPM BIRTHDAY CONTEST	6 *CARL N7UDP *DICK N7RHV *GENE W7EOF HPM BIRTHDAY CONTEST WWA FAIR PUYALLUP	7 7:00 PM CLUBHOUSE PINOCHLE POTLUCK HPM BIRTHDAY CONTEST WWA FAIR PUYALLUP
8 *JUDY AJ7R *NANCY KC7EBG HPM BIRTHDAY CONTEST WWA FAIR PUYALLUP	9 WWA FAIR PUYALLUP	10 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R WWA FAIR PUYALLUP	11 7:30 PM RCT GENERAL MTG LIBRARY 112 E & WALLER RD *DANIEL N7VXJ WWA FAIR PUYALLUP	12 *CHUCK N7WGW *ERIC N7IXO WWA FAIR PUYALLUP	13 FRIDAY 13TH REPEATER QSO PARTY WWA FAIR PUYALLUP	14 WWA FAIR PUYALLUP
15 WWA FAIR PUYALLUP	16 WWA FAIR PUYALLUP	17 7:00 PM MVWS VE EXAMS 7:30 PM RCT NET 147.28R *JERRY KB7RIB *JOHN KC7OQN WWA FAIR PUYALLUP	18 7:00 PM ARES/RACES MTG--TACID BLDG *PETER N7ENT *TERRY N7YHP *WORTH W7WG WWA FAIR PUYALLUP	19 *VALERIE KA7FLH WWA FAIR PUYALLUP	20 *DAVID N7UNN WWA FAIR PUYALLUP	21 *GARY N7GWC PORTLAND HAMFAIR WA STATE QSO PARTY RCT SPECIAL EVENT WWA FAIR PUYALLUP
22 *BILL KC7OLY *CHUCK N7ETC *CHUCK W7PWN Autumn Begins WA STATE QSO PARTY RCT SPECIAL EVENT WWA FAIR PUYALLUP	23 12:00 PM CLUBHOUSE LADIES PINOCHLE *JANA KB7HIV *JOE KA7DCX	24 7:30 PM RCT NET 147.28R	25 7:30 PM RCT GENERAL MTG LIBRARY 112 E & WALLER RD *BOB KG7SM	26 *ALEX KB7LNZ *BUD KC7AVT *FRANK KC7CQW	27 WALLA WALLA HAMFEST	28 *HAROLD KA7MZA *LORNA KB7YTJ WALLA WALLA HAMFEST
29 *AL KC7DDA *JOHN WB7ARK WALLA WALLA HAMFEST	30					

August 1996

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

October 1996

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

* HAPPY BIRTHDAY

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

NON PROFIT ORG.
U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

ADDRESS CORRECTION REQUESTED

COMING EVENTS

OCT 2 - Board of Directors meeting - 7:30 PM - at the Clubhouse - all members are invited.

OCT 5 - Pinochle 1996-97 Potluck - 7 PM for Potluck, 7:30 PM for cards

OCT 7 - **New class** starts at 6 PM at Clubhouse

OCT 8 - **License exams** at the Clubhouse - 7 PM

OCT 9 - **Club Meeting** - Library Center - 112th & Waller Rd. 7:30 PM
Program: NORTHWEST TERRITORIES TRIP REPORT with Brian, KA7KUZ, and Dan, N7QWH

OCT 12 - Kitsap Flea Market

OCT 12 - Fence Building Party at the Clubhouse

OCT 19-20 - 39th JAMBOREE ON THE AIR (See October **QST** for details.)

OCT 20 - **W7DK 80th Anniversary CONTEST** (See page 3)

OCT 23 - **Club Meeting** - Library Center - 112th & Waller Rd. 7:30 PM
Program: <<< TO BE ANNOUNCED >>>

OCT 26-27 - CQ Worldwide Phone Contest
ARRL International EME (Earth-Moon-Earth) Competition (See Sept. **QST**)

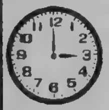
OCT 27 - FALL BACK to Pacific Standard Time (2 AM)

OCT 28 - Ladies Pinochle - Noon at the Clubhouse

BE THERE!
80th Anniversary
On-The-Air
CONTEST
20 October 1996

October 1996

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 7:30 PM RCT NET 147.28R *BILL W9BYH	2 7:30 PM RCT BOARD MTG *POP WB7WPQ	3 *FRANK W7YDS	4 *ERIC N7EPD	5 7:00 PM CLUBHOUSE PINOCHLE POTLUCK *BOB AA0MC
6 *HARRY KB7JQM *RALPH W7COP	7 6:00 PM TECH CLASS *CHARLES KC7HFP	8 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R	9 7:30 PM RCT GENERAL MTG LIBRARY 112 E & WALLER RD *JACKIE KC7CBN	10 *DICK WB7RAX *LYNN WB7ORM	11 *DEL KB7PKI	12 *DONNA KC7ETT **FENCE BUILDING PARTY** KITSAP RADIO CLUB FLEA MARKET
13 *HERB KC7BAA	14 ** 6:00 PM TECH CLASS *DEL W7JG *ETHEL W7WLX Columbus Day (Observed)	15 7:00 PM MVWS VE EXAMS 7:30 PM RCT NET 147.28R *MARK KC7IBZ	16 7:00 PM ARES/RACES MTG--TACID BLDG *DICK W7VIC	17 *JOHN KB7SWY *SUSAN KC7AVS *TED KC7CAX	18 *JILL KC7PSQ	19 *NORM W7CMO
20 *DAVE N7WGB *DOUG KC7AZU *HARVEY W6UBX 80TH ANNIVERSARY CONTEST	21 6:00 PM TECH CLASS	22 7:30 PM RCT NET 147.28R *CHUCK WY7V *ROBIN KC7KXF	23 7:30 PM RCT GENERAL MTG LIBRARY 112 E & WALLER RD *FRED AB7IJ	24 *JEAN KB7SVX	25 *CLIFFORD KC7CLV	26
27 **  Daylight Savings Ends--set back 1 hour	28 12:00 PM CLUBHOUSE LADIES PINOCHLE 6:00 PM TECH CLASS	29 7:30 PM RCT NET 147.28R *NED W7EPE *ROGER WA7ANJ	30	31 ** Halloween 		

September 1996

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

November 1996

S	M	T	W	T	F	S
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3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
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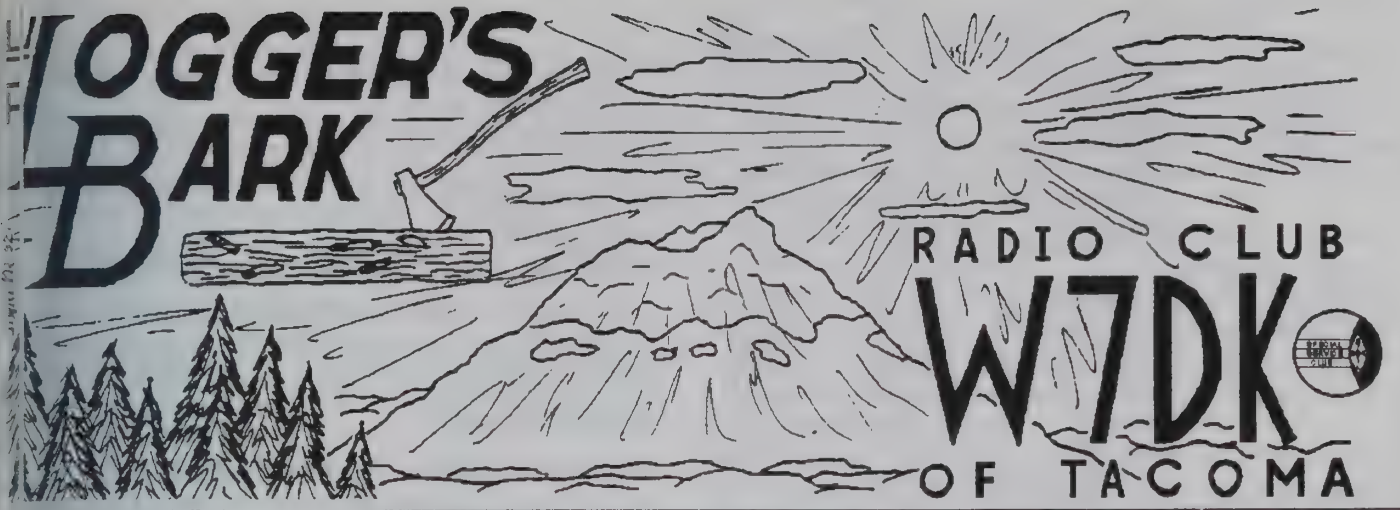

VOL. XXXIII NR. 10 W7DK OCTOBER 1996

80th Anniversary Contest

October 20th is the 80th anniversary of the first reorted meeting of the **Radio Club of Tacoma**. To cebrate this occasion we are having a contest! The cotest will run for the 24 hours of Sunday October 20, 196. All amateur radio operators may compete toward th objective of gathering 80 points. For club members, alcontacts will be counted but an extra point will be eined for contact with a club member. Non club mmbers will only count contacts with club members.

Each contact will be awarded (X) number of pints. The calculation for the number of points per cotact will not be announced until after the contest. Pase mark band and mode used for all contacts. Cntacts made through a repeater must be marked "R" as it will effect the number of points given for that cotact. Since the point calculation is not published, the hiher class licenses may not have the advantage. In fat, they may be at a disadvantage. Mke contacts on ay and all bands but pase do not domi-nate the repeaters fc contest contacts. Gve them a break s others can use thm as well.

Please bring pper logs to R.C.T. cb meeting by the Nv. 13 meeting or mail to:

Radio Club of Tacoma
PO Box 11188
Tacoma WA 98411-0188

Please mark envelope "CONTEST".

Cuck, WY7V

Etor's Note: See pages 6 & 7 for a copy of the original article abut RCT's start and the original Articles of Incorporation.

ELECTION OF OFFICERS

Yes, it is that time of year again and I am sure there are lots of you out there who would like to run for an office and may be wondering how do I do it. You may volunteer to run by contacting a member of the nominating committee, or find a friend who will nominate you from the floor at the regular meeting in October (first meeting of the month). Also, you may be contacted by a member of the nominating committee and asked to run for an office or board position. Names and telephone numbers of nominating committee members are listed later in this article.

As a reminder for all of us as elections draw near, Section Four of our By-laws cover the election process and are printed verbatim as follows.

(A) NOMINATING COMMITTEE. On or before the regular September meeting of each year, the President will appoint an Nominating Committee consisting of a Chairperson and at least two other full members who are not current officers. Members of the Nominating Committee shall have been full members of the club for at least two years. All nominees shall be Full Members who have been members of the club for at least two years. The committee shall nominate at least one candidate for each Officer and Board position. The committee shall present their nominees to the club at the October regular meeting. Additional nominations shall be accepted from the floor at the October regular meeting. No member may be nominated from the floor without giving their prior permission. (The regular meeting is defined in the By-laws as the first meeting of the month.)

(B) ELECTION COMMITTEE. At the conclusion of nominations from the floor during the October regular meeting the President shall appoint an Election committee consisting of a chairperson and at least two other full members none of whom may be candidates for election. This committee shall be responsible for composition, distribution and collection of all ballots.

(C) BALLOT. The election shall be held by secret

continued on page 5

RADIO CLUB OF TACOMA – 1996

PRESIDENT	MIKE CRAWFORD	WB7DFQ	531-4789
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
SECRETARY	MIKE HORBUL	KI7YB	845-2545
TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
BOARD (5)	RUSSELL FOSTER	KB7UXK	473-6614
	RALPH FULLER	KA7FIG	582-5841
	CHARLES HICKS	WY7V	535-3696
	ALAN HUGHES	KB7SVU	840-4947
	JERRY SELIGMAN	W7BUN	845-7652
LOGGER'S BARK STAFF			
EDITOR	KATHLEEN NACE	N0EYK	862-8635
REPORTERS	SHIRLEY MURPHY	N7QHW	265-3661
	DAVID DODD	WB7AUJ	584-3620
	MIKE CRAWFORD	WB7DFQ	531-4789
	BRIAN SPINDOR	KA7KUZ	769-9297
	DICK RYAN	W7RGD	627 0922
	MIKE TREIT	KB7QOP	549-2399
	JERRY SELIGMAN	W7BUN	845-7652
PHOTOGRAPHER	STAN WARBURTON	N7KMF	535-6015
PROOFREADERS	SALLY CRAWFORD	KB7PKJ	531-4789
	JERRY SELIGMAN	W7BUN	845-7652
COMPOSITOR	KATHLEEN NACE	N0EYK	862-8635
PUBLISHER	W7DK PRESS	N7QHW	265-3661

◆ ◆ ◆

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Modem or mail all articles to Kathleen Nace, N0EYK, 2812 204th Ave.Ct.E., Sumner, WA 98390. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

***THE LOGGER'S BARK*, OFFICIAL PUBLICATION OF THE RADIO CLUB OF TACOMA, IS PUBLISHED MONTHLY BY W7DK PRESS, PO BOX 11188 TACOMA, WA 98411. THE PUBLICATION IS MAILED FROM TACOMA, WA, 98411 UNDER 3rd CLASS BULK, NON-PROFIT ORGANIZATION, US. POSTAGE PAID TACOMA, WA. PERMIT #1078.**

POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.88 / .28 MHz 144.97 - Packet
147.98 / .38 MHz (pl 103.5) 441.00 - Packet
449.175 / 444.175 MHz KC7DDA

New Members

Scott Rosengren, KC7SDG RCT #1920
3815 N Pearl St. #Q18
Tacoma, WA 98407 206-752-6371

John Hirsch, KC7SJH RCT #1921
31401 28th Pl. SW
Federal Way, WA 98023-7837 206-874-6286

Reinstatements

Edward E Reinke, W7EBF RCT #1103
6617-4 N. 52nd St.
Tacoma, WA 98407 206-752-9870

Address/Phone Changes/Corrections

Charles Coulter, W7SZM
6301 S. Squaw Valley Rd.
Pahrump, NV 89048-7949

Silent Keys

William(Billy) Antes, KA7IQQ
Edward Hanel, KA7CHE

Editor's Notes

de N0EYK.

With summer faded and fall here, a busy September comes to a close. From a few tidbits I have heard, I expect to hear a great report from the Washington State QSO Party team!

Our efforts at the Western Washington Fair went well again. I truly appreciate all the effort put forth by so many of ou members to make our presence at the FAIR successful this year. I will be giving a detailed report in the nex BARK.

There are many activities on the October schedule Please check your calendars and participate!

Watch out for the little hobgoblins on Halloween Have a great month!

73, Kathleen

P.S. - BARK deadline is TUESDAY, OCTOBER 15! PLEASE have your items to me by then. I hate the las minute push at the very end of the month.

LECTION OF OFFICERS

Continued from page 3

witen ballot. Candidates for each office shall be listed in alhabetical order by last name. Ballots shall be mailed toall voting members in good standing on or before Oober 20 of each year and shall be returned by mail pctmarked no later than November 5 or personally devered to the secretary prior to the start of the Novembe Annual Meeting. The ballot as issued by the Election Cmmittee shall be the official document used for condiiting the election. No other form, facsimile or copy shll be accepted or counted. Voting by proxy shall not bpermitted.

(C **RESULTS OF ELECTION**. The Election Committee shll, at the November annual meeting, accumulate and tay all ballots and announce the results of voting. A mority of all votes cast shall be necessary to elect an ofcer. Board Members shall be elcted by a plurality (for exampl the four candidates receivr the most votes shall be elcted). If there is a tie vote wch prevents determination of th top four, or there is no cadidate for an Office who receves a majority of the votes cat, a written run-off election shll be held at that meeting uil a final determination is made. All ballots shall be reained by the Secretary for a period of thirty days after th election or until all disputes involving the election hve been resolved. Upon completion of the retention priod the ballots shall be destroyed.

(E) DISPUTES. The judge of the election shall be the club President and in that capacity the President shall make the final determination as to resolution of issues or disputes. The President''s decision may be appealed by a vote of two-thirds (2/3) of the voting members present at that meeting.

(F) VOTING MEMBERS. A voting member is a Full Member in good standing.

(G) VACANCIES. Officer or Board member vacancies occurring between annual elections shall be filled by an appointment by the President. The person filling the vacancy shall serve to the end of the term of the officer or Board member replaced.

Hopefully this will help everyone to understand our election process better. Our Nominating Committee this year is Tom Murphy, N7QHX, 206-265-3661, Jean Treloar, KB7SVX, 206-840-3497 and Al Burleson, KC7DDA, 206-474-9023. Each candidate will be asked to write a brief statement about themselves which will be included with the ballot to aid members in making their choices when voting. The candidates are to submit their statements *no later than October 15, 1996* to Kathleen Nace, NØEYK, 206-862-8635 Editor and Publisher of the Logger's **BARK**. I encourage you to get involved and be willing to run for an office or a Board position. It is amazing how much one can learn about our club when filling an office or board position.

73, Shirley, N7QHW

CCIDENT & BODILY INJURY
LAW OFFICES OF
OUGLAS K. SMITH, P.S.

(206) 471-1000
(800) 585-8500

AJ7Y

DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409

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Bremerton, WA 98311
Voice/Fax: (360) 479-2619
E-mail: 2ndbyte@kendaco.telebyte.com

PINOCHLE

2 gatherings each month

Pinochle & Potluck - 7PM
1st Saturday of the Month
Ladies Pinochle - 12 Noon
4th Monday of the Month
Both gatherings at the Clubhouse.

Your Ad Could Be Here!

Call, Shirley, N7QHW
at (206)625-3661 for info.

OF THE

RADIO CLUB OF TACOMA.

KNOW ALL MEN BY THESE PRESENTS;That we the undersigned,being citizens of the United States and residents of the State of Washington,do hereby associate ourselves as a corporate under the provisions of Sec.3863 of Remingtons Code of Washington,and do hereby adopt the following as our Articles of Incorporation.

Sec.1. The name of this corporation shall be the RADIO CLUB OF TACOMA.

Sec.2. The purposes of this club shall be for scientific development of radio trans sion,for social and educational advancement of its members,and for the furthering o any legitimate enterprise in which the Radio Club of Tacoma may choose to promote. To this end the Radio Club of Tacoma shall have power to purchase,acquire,own,contr develop,improve,lease,encumber,pledge,sell and otherwise deal in real estate improve and unimproved,and to do any and all things permitted by law to advance the interest of the Radio Club of Tacoma.

Sec.3The principal place of business shall be at Tacoma,Pierce County Washington,and the duration of the corporation shall be perpetual.

Sec.4.The Radio Club of Tacoma shall have no capital stock,and admission to membersh shall be upon such terms and conditions as shall be prescribed in the by laws adopte by this corporation.

Sec.5. The affairs of the Radio Club of Tacoma shall be managed by a Board of Direct consisting of 6 in number,but may be changed at any regular meeting of the corpor ion to any number not exceeding 6 The names of the first Board of Directors ar L. A. Dix, F. J. Todd, R.G. Olson, Herbert J. Holt, K. W. Weingarten and Frank C. Tovey and they shall hold office until the first regular meeting of the members of the Rad Club of Tacoma,as provided in the by laws of the copporation,or until their successo have been regularly elected and qualified.

IN WITNESS WHEREOF,we have hereunto affixed our signatures in triplicate this 4th d of May 1927

L A Dix
F. J. Todd
R. G. Olson
Herbert J. Holt

K W Weingarten
Frank C Tovey

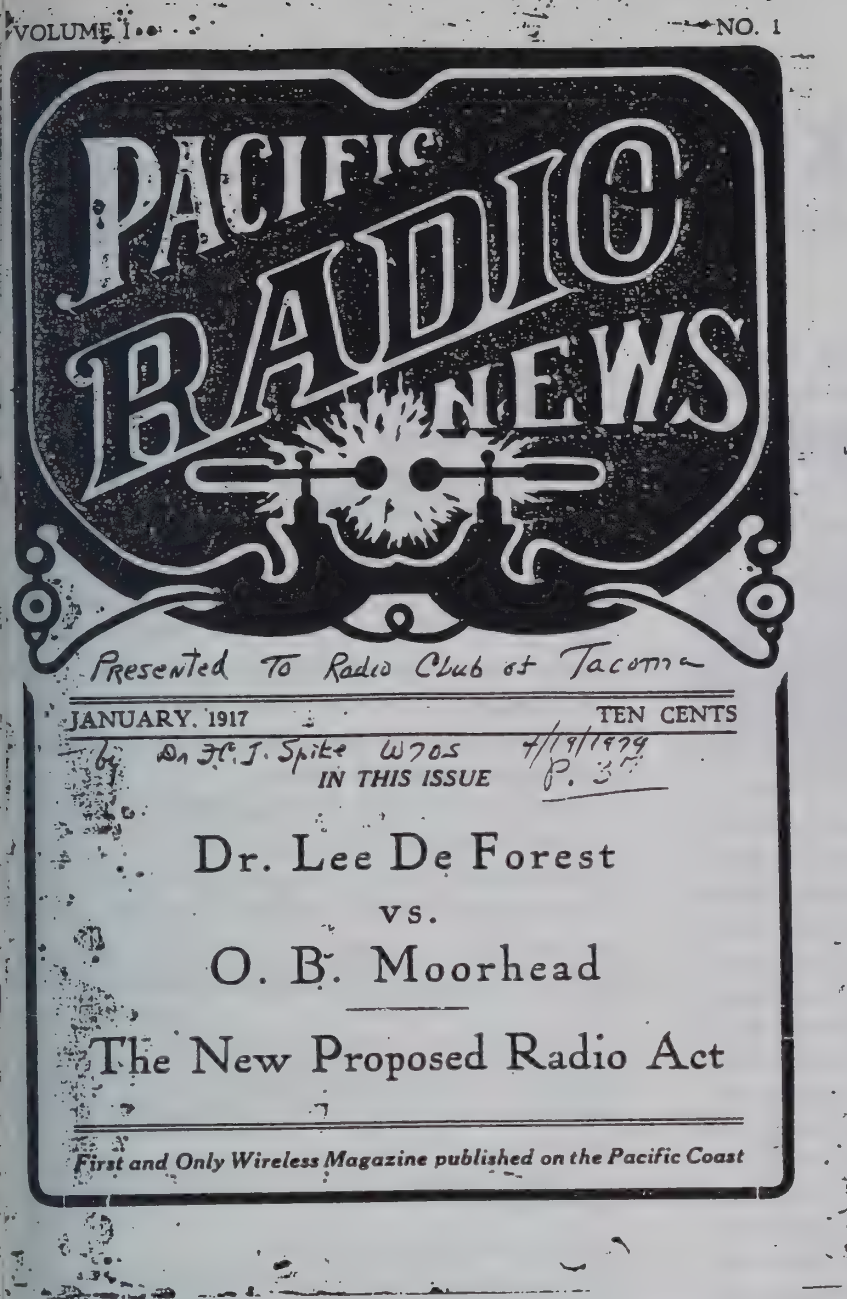
State of Washington)
:
County of Pierce.)

BE IT REMEMBERED,That on this 4th day of May ~~April~~ 1927 personally appeared before me, Notary Public,in and for the State of Washington L. A. Dix, F. J. Todd, R. C. Olson, Herbert J. Holt, K. W. Weingarten, Frank C. Tovey, who each acknowledged they signed of their own free will these Articles of Incorpora for the uses and purposes therein set forth.

Subscribed and sworn to before me this 4th day of May ~~April~~ 1927

Chas L Wielcott
Notary Public, in and for the State of
Washington,residing at Tacoma,Washingt

(Seal)



VOLUME I — NO. 1

PACIFIC RADIO NEWS

Presented To Radio Club of Tacoma

JANUARY, 1917 — TEN CENTS

by Dr. H.C.J. Spike W7OS 7/19/1979 P. 37

IN THIS ISSUE

Dr. Lee De Forest
vs.
O. B. Moorhead

The New Proposed Radio Act

First and Only Wireless Magazine published on the Pacific Coast

TACOMA AMATEURS ORGANIZE WIRELESS CLUB

On Oct. 20, 1916, the Radio Club of Tacoma, Washington, was organized at Mr. D. Mason's station on 13th St. The following officers were elected:

President, H. G. Reichert.
Vice-President, D. Mason.
Secretary, Edwin Moe.
Treasurer, Alvin Stenso.

A committee for drafting the Constitution was chosen, consisting of three club members.

Up to the present time the Tacoma Wireless Amateurs have had no Radio Club regardless of the large number of radio enthusiasts in that city.

The purpose of the club is to promote the interests of Radio Communication among its members and other radio operators on Puget Sound.

A meeting of the club is held every Thursday evening at 817 N. 13th St., order being called at 8 o'clock.

All correspondence should be addressed to the Secretary, Mr. Edwin Moe, 4118 N. 16th St., Tacoma, Wash.

OLD MAN STATIC GOES TO JAIL

The Jurors gave the verdict,
One dark October day,
They convicted Old Man Static
To his cell across the Bay.

'Twas no surprise to radio "hams",
Commercial men as well—
Old Static keeps the ether jammed,
Does things we would not tell.

His buzzing, rumbling, heavy click
Caused more than one harsh word,
From men who to their tuners stick,
And nothing else they heard.

They cuss Old Static up and down,
From Nome to Panama,
His name has gained world wide renown,
His spirits spread afar.

In Summer when the nights are warm,
He starts out on his task,
He raves about from eve till morn
And travels mighty fast.

He spits his fire to and fro
For six long Summer months,
Conditions then do better grow
And he stops his funny stunts.

In Winter time he disappears,
You wonder where he goes,
In JAIL, that's where he sits in tears,
We've told you something no one knows.

OUR FIRST SUBSCRIBER

The first person signing our yearly contract subscription blank was Mr. E. F. Smith of San Francisco.

The first Eastern enthusiast to send for a copy was Mr. H. M. Lodge of Grubbs, Del.

ARES/RACES

DISASTER PREPAREDNESS

I recently picked up this brochure on ***Family Emergency Preparedness Plan*** developed by Group Health Cooperative of Puget Sound, American Red Cross and the Washington State Community, Trade and Economic Development Emergency Management Services. Over the next few months I will share with you some thoughts and suggestions on a family disaster plan on the various types of disasters that could occur in our area that are described in this brochure.

N7QHW

Washington State is subject to a number of potential natural disasters such as fires, flooding, wind storms, severe winter storms, earthquakes, dam failures, volcanic eruptions and landslides. While we all hope that such an occurrence never happens, it has been shown time and time again that being prepared for disasters is prudent. Emergency services and government agencies may not be able to respond to your needs immediately. Their buildings, equipment, personnel, communications, and mobility may be severely hampered by the event. They will be overwhelmed. Experts tell us to plan to be on our own for a minimum of 72 hours.

We cannot stop these disasters from occurring, but we can limit their impact on us and those we love. Each family can survive in a better way by assembling a family disaster plan. The most important concept in developing a family emergency preparedness plan is communication. Every member of the family needs to be involved so that when disaster strikes, everyone will know what to do. How well you manage the aftermath of disaster depends a great deal on your level of preparedness when disaster strikes.

FIRES

Getting Prepared:

- Install smoke detectors, according to the manufacturer's directions, on every level of your house: outside bedrooms on the ceiling or high on the wall, at the top of open stairways, or at the bottom of enclosed stairs and near(but not in) the kitchen.
- Clean smoke detectors once a month and change batteries at two specified times each year.
- Plan two escape routes out of each room. Contact your local fire authority for help in planning for the save escape of those with disabilities.
- Make sure windows are not nailed or painted sh and security grating on windows have a fire safe opening feature.
- Teach everyone to stay low to the floor wh escaping from a fire.
- Pick a meeting place outside your home for t family to meet after escaping from a fire. **ONC OUT, STAY OUT!**
- Practice your escape plans at least twice a year.
- Clean out storage areas. Store flammable a combustible liquids in approved containers. Ke containers in the garage or an outside stora area.
- Inspect electrical appliances and extension cor for bare wires, worn plugs and loose connectio annually.
- Learn how to turn off the gas and electricity in emergency.
- Install A-B-C type fire extinguishers: teach fam members how to use them.
- Inspect and service (if required) your fire exti guisher annually.

In Case of Fire:

- Do not attempt to extinguish a fire that is rapic spreading.
- Use water or a fire extinguisher to put out **sm** fires.
- Never use water on an electrical fire.
- Smother oil and grease fires in the kitchen wi baking soda or salt, or put a lid over the flame if is burning in a pan.
- If your clothes catch fire--**Stop-Drop-Roll**--ur the fire is out.
- Sleep with your door closed.
- If the smoke alarm sounds, crouch down low, fe the bottom of the door with the palm of your har before opening it. If the door is hot, escap through the window. If the door is not hot and th route is your only means of escape, crawl belo the lever of the smoke and use the first availab exit door to escape. If you cannot escape, leav the door closed, stay where you are and hang white or light-colored sheet outside the window.

After the Fire:

- Stay out of the burned structure.
- Notify your local disaster relief service if you nee housing, food, etc.
- Call your insurance agent.
- Ask the fire department for assistance in retrievir important documents.
- Keep records of all clean-up and repair costs.
- Secure personal belongings.
- If you are a tenant, notify the landlord.

Continued next page

Amateur Radio Exams

in the Puget Sound Region as of May, 1996

1s **Tuesday** - 7 PM - **Puyallup** Fire Station, 128th St. one block west of Meridian, Puyallup - Contact Mike Horbul, KI7YB, 845-2545.

1s **Thursday** - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 481-2361, Bothell

1s **Saturday** - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, **Kent** - Contact Burt Mendez, KB7ZCW, 824-2785, Seattle

2r **Tuesday** - 6:30 PM - **Everett** - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2r **Tuesday** - 7:00 PM - Radio Club of **Tacoma** Clubhouse - Contact Jerry Seligman,W7BUN, 845-7652

2r **& 4th Thursdays** - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2r **Saturday** - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3r **Tuesday** - 7 PM - **Auburn** - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3r **Saturday** - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3r **Saturday** - 1 PM - **Renton** - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3r **Saturday** - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3r **Saturday** - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave - next session - September 21 - Contact Nick Bender, NX7W, 249-4671, Montesano

4 **Tuesday** - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4 **Wednesday** - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4 **Saturday** - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4 **Saturday** - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Smiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

ase send updates to: Jerry Seligman, W7BUN, 12306 8th Ave East, Puyallup, WA 98373 - Phone: 845-7652

Continued from previous page

Local activities for ARES/RACES coming in the future are the Hike for Hospice in November and of course mushroom picking and hunting season also increase the possibilities of lost individuals so Search and Rescue efforts pick up also. All of these activities help to train and better prepare to support communications in the event of a disaster so be sure to volunteer if it will fit into your schedule. There are also still openings for management positions. You don't need to know it all before accepting a management position because there are people available and willing to help in any way they can. If you can help contact **Alan Hughes, KB7SVU, Pierce County Emergency Coordinator at 206-840-4947 or Bob Tilley, KB7NBQ, Pierce County Radio Officer at 206-875-0577.** They need your help **NOW** so give them a call.

If you have not joined ARES/RACES and would like to, contact Alan or Bob or see Shirley, N7QHW, at any Radio Club meeting for an application.

Coming next month - some words on flood preparation.

73, Shirley, N7QHW

League membership benefits you and our Club.

Radio Club of Tacoma License Exams

OCTOBER 8, 1996

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.05. For information call:

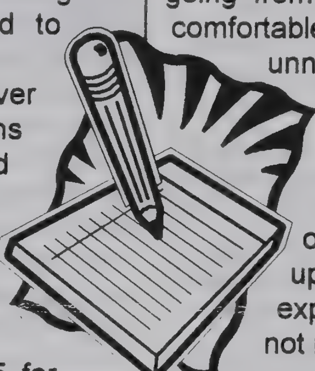
Jerry Seligman, W7BUN 845-7652

CW: Getting Started

CW Anxiety

de Mike, KB7QOP

To the inexperienced Amateur Radio operator, the act of actually getting on the air and making a contact can be a test of sheer will that brings with it stress, anxiety and fear. We have all experienced, in one way or another, the dreaded phenomenon of "mic fright", in which the operator freezes up at the microphone and becomes incapable of utilizing the radio medium he has worked so hard to achieve access to.



I can remember the first time I ever made a phone contact, about three months after getting my license. Although I had been working Morse code since the day my ticket arrived, that first night when I plugged my hand mic in and tuned to a local rag-chew re-introduced me to the fear of working a new mode for the first time. I listened to the fellows on 28.375 for almost an hour, trying to work up the courage to throw out my callsign every time it was passed around the imaginary table. It was a cold, dark night outside and I remember staring at the soft glow of the LCD as I gripped the microphone in trembling, sweaty fingers. Eventually, though, I managed to overcome my apprehension and croaked out my callsign in a nervous voice. The conversation that ensued was a memorable one; a great outlet of relief from the tension that had ensued for so many long minutes beforehand.

Was it worth all the suffering? You bet! Many members of that group of local hams have gone on to become some of my best friends, both on and off the air. You guys know who you are. I might never have met them, though, if I had not won the inner struggle to get on the air and explore my wonderful privileges.

The rewards of overcoming "mic fright" are great, and for many amateurs overcoming their fear and making those first few contacts is the first step in a lifetime of exciting amateur radio experiences. Far too many amateurs, however, never manage to overcome their anxiety about getting on the air with Morse code. The seemingly exotic and complicated nature of receiving and sending CW makes it all that much more difficult to overcome the natural fears of getting on the air for the first time. Just as I had troub
going from CW to phone, many people who a
comfortable using voice communication find it a
unnerving experience to attempt commun
cation with good old Charlie Whiske
Once the anxiety is dispelled by th
first few pleasant contacts, however,
is gone for good. An enjoyable rag-che
on the CW frequencies can easily ope
up a whole new world of Amateur Rad
experiences, one that I am certain you w
not regret.

KB7QOP

If you have sat and toyed with th
idea of trying to make a slow-speed Mors
code contact, but a little voice in your head alway
drives you away, take charge! There is nothing
be anxious about. Indeed, CW operators ar
among the most patient and friendly folks you ar
likely to meet. Forget all of those feelings of trepida
tion and uncertainty. Grab a key and get on the ai
You might just find yourself exploring the friendly C
bands more and more often.

MINUTES

RDIO CLUB OF TACOMA, INC.
RGULAR MEETING MINUTES
AGUST 28, 1996

Te Radio Club of Tacoma meeting was called to oer at 7:30 PM by President Mike Crawford, WB7DFQ.

TEASURER :The report from Shirley, N7QHW, Teasurer, indicated we have 467 members.

HALTH AND WELFARE: Shirley, N7QHW, reorted that Billy Antes, KA7IQQ, is a silent key.

POGRAM: Bill, W7GBC, our program chairman ad Vice President, cranked up the old viewer so tht we could watch an ARRL video featuring the Hndi-Ham Program which is located in Golden Vley, Minnesota. The video covered highlights of a upgrade and exam seminar. The second half psented an entertaining "how to" about carrying on a eyeball QSO with handicap individuals without bng offensive or discourteous.

AOWS: Marilyn, KJ7BN, thought there would be a meting in September if it didn't conflict with the Fair. S, listen on the Tuesday night nets or come to the 1 meeting in September to find out more details.

BRK and the FAIR: Kathleen, NØEYK, invited mmbers to the **BARK** party on Friday. August 30 at 1 AM.

Mny openings are still available for the Fair booth fo Sunday's and nights. Marilyn, KJ7BN, has voluntered to help coordinate booth activities during the scond week of the fair.

WASHINGTON STATE QSO PARTY: Brian, K7KUZ, has obtained the use of Rush Drake's, W7RM, world`class station for use during the Washinton State QSO Party. The station is located in the Vncouver area, which is in Clark County. The expedion to this site will be September 21st. All membrs are invited to participate. There is plenty of room on the property for camping. Please contact Ban for scheduling.

TAINING: Bill, W7GBC, announced that the fall nvice/technician class will begin at the Clubhouse o October 7th at 6 PM .

FIDAY THE 13TH CONTEST: The Radio Club of Tcoma, along with the Kitsap, Burley and Mike and Ky Clubs, will sponsor a contest on the local repaters on Friday, September 13th. Please see the lst issue of the Bark for details on this Friday the 1th contest.

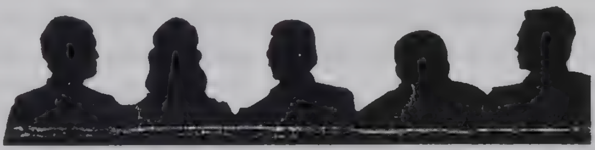
NOMINATING COMMITTEE: Tom, N7QHX, has been appointed by President Mike, WB7DFG, to chair the nominating committee for the Radio Club of Tacoma. Other members selected are Jean, KB7SVX, and Al, KC7DDA. Please contact one of these committee members if you would like to run for office or if you have recommendations for officers.

TUNING AND TRAFFIC: Don, AB7DS, reported contacting the new country Macquarie Island south of Australia. Ric, N7UFB, worked Hawaii via the A0-27 satellite. Great contacts.

CERTIFICATES: Ed Hunziker, KC7SAA, picked up his membership certificate. The certificate for Art Little, KC7RPG, was also available. Also, QSL cards for contacts with DK at the Beach are available for pickup at the meetings only.

ADJOURNMENT: The meeting was adjourned at 8:30 PM.

Attendance: 48
Respectfully submitted,
Mike Horbul, KI7YB, Secretary
Radio Club of Tacoma



W7DK 80th ANNIVERSARY
CONTEST

Sunday, October 20, 1996
Midnight to midnight local time.
JOIN THE FUN!

RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
SEPTEMBER 4, 1996

The Radio Club of Tacoma Board of Directors meeting was called to order at 7:30 PM by President Mike Crawford, WB7DFQ. Eight board members and eight guests were present, representing a quorum. Ralph, KA7FIG, was absent.

SECRETARY'S REPORT & CORRESPONDENCE: Minutes of the last board meeting were approved as printed in the **BARK**.

TREASURER'S REPORT:

GENERAL FUND CHECKING	$2,351.64
REPEATER FUND CHECKING	571.51
PACKET FUND CHECKING	500.00
FLEA MARKET CHECKING	4,511.24
MONEY MARKET SAVING	10,718.19
SCHOLARSHIP WORKING FUND	600.00
SCHOLARSHIP MEMORIAL FUND	2,759.73
CASH on HAND	306.65
TOTAL ALL ACCOUNTS	$22,318.96

There are 468 paid 1996 members.

FLEA MARKET: Alan, KB7SVU, gave the final financial report from the Flea Market. Even with the higher rental costs and a smaller turnout, we were still able to make a profit of $2693.75. The food booth made another $292.88. The Board selected Saturday, August 9th for the tentative date of next year's Flea Market and have sent that information to our ARRL Director, Mary Lou Brown, NM7N.

MEMBERSHIP AND TRAINING: Bill, W7GBC, stated that the first class of the new session is October 7th at 6 PM and asked that Club representatives at the FAIR booth should be telling potential new hams to call to reserve a place in class. We are still hoping for a code class and we're trying to locate an instructor.

CLUBHOUSE & WASHINGTON STATE QSO PARTY: Brian, KA7KUZ, asked for helpers to go to Rush Drake's this weekend to complete setup and repairs for the QSO party on September 21st. Brian mentioned the coming Scouting event "Jamboree On The Air", in which we have been routinely participating. The last item was a need for a 6 meter antenna for the 6 meter rig that was recently donated to the club.

THE 80th ANNIVERSARY CONTEST: Chuck, WY7V, stated that the contest will be announced in the Bark. He told us that to get a certificate, one would need to accumulate 80 points.

FENCE COMMITTEE: Bill, W7GBC, reported that they are trying to locate the corner for the fence and are getting price quotes on fencing.

OLD BUSINESS: Mike, WB7DFQ, reported that Lou has drawn up plans for an eight by sixteen foot room in the garage. The cost would be double of the original cost. Shirley, N7QHW, made a motion to approve the doubling of the storage and double the available money to $400. The motion was seconded by Russell, KJ7YP, and approved by majority vote.

NEW BUSINESS: Shirley, N7QHW, reporting for Kathleen, NØEYK, announced that the **BARK** deadline is September 15th. The antenna at the FAIR needs work, as a leg of one of the dipoles is hanging
loose. This also means that one of the support gu
is no longer at work, as they are one in the sam
We were also reminded that we need a new cha
man for next year's FAIR. There are still opportu
ties to work the booth.

Shirley then brought up the Club renewal notice
which will have to be sent first class mail if sent.
lessen this cost, she suggested sending a form
the **BARK** for renewal. She presented a sample of
possible form. The board liked the idea. Shirley th
brought up the cost of mailing the **BARK**. It order
keep costs down on bulk mailing, we would
required to bar code and certify our barcoding li
Unfortunately, to save money by adding barcode
we would have to pay to have our list certified
often as once per month.

Jerry, W7BUN, brought up concerns about the A
tique Wireless Museum. We need better invento
control and display access control. After much di
cussion, the Board approved changing the outsi
door locks. Jerry, W7BUN, made the motion. Chuc
WY7V, seconded. Jerry also had information fro
the ARRL Web site about rules which may require
to check our radiation patterns.

Mike, WB7DFG, the possibility of a Web si
for the Club. One of our Club members suggeste
we could obtain a site at a very reasonable price. H
was asked to pursue it.

The garage roof is in need of replacemen
The shingles are curled and the roof leaks wi
heavy rain. Jerry, W7BUN, volunteered to get
commercial installation quote. It was suggested th
we could shingle it ourselves for only a couple hu
dred dollars in materials.

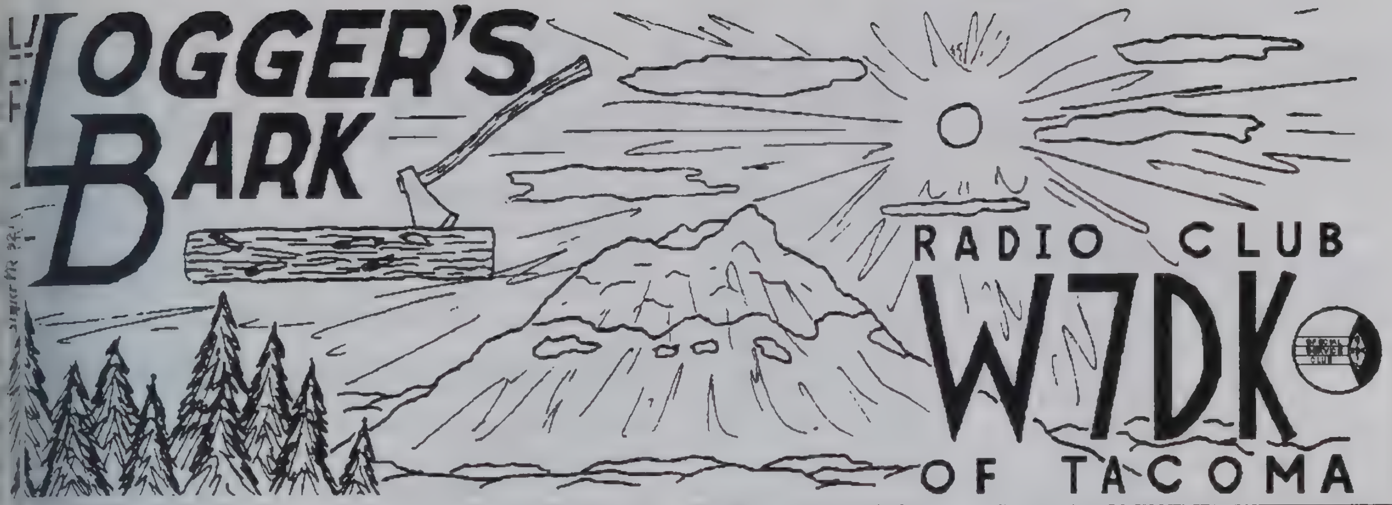
ADJOURNMENT: The meeting was adjourned
9:52 PM.

Attendance: President Mike, WB7DFQ, Secreta
Mike, KI7YB, Treasurer Shirley, N7QHW, Russe
KJ7YP, Alan, KB7SVU, Bill, W7GBC, Chuck, WY7
and Jerry, W7BUN. Also in attendance were Ro
K7TGU, Al, KC7DDA, Danny, KC7CUQ, A
AA7EO, Dick, W7RGD, Brian, KA7KUZ, Bill, KL7B
and Jack, WA7ENB.

Respectfully submitted,
Mike Horbul, KI7YB, Secretary
Radio Club of Tacoma

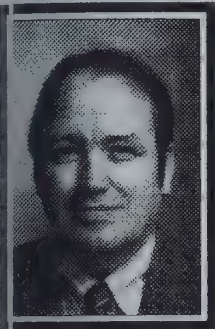
DO THE 80th ANNIVERSARY CONTEST!

SPECIAL SERVICE CLUB



VOL. XXXIII NR. 11 W7DK NOVEMBER 1996

FROM THE PRESIDENT


WB7DFQ

By the time you read this, you will have received your ballot for the election of the 1997 officers for the Radio Club of Tacoma. If you haven't done so already, please take the time to vote. This is your club and you should have a say in its management.

I just received an e-mail from the ARRL which contained the following news: The 2000 page omnibus budget resolution, passed by Congress and signed by the President, contains a section which requires the FCC to sell the frequencies between 2305 MHz and 2320 MHz. Included in this spectrum is a portion of the amateur allocation, 2300 MHz through 2320 MHz. This action was completed without consulting with the FCC or ARRL and no public input was sought. At this time no one is sure of the impact of this measure on amateur usage of the frquencies effected but it does illustrate the danger which exists to our continued access to those frequencies that we currently enjoy. What can we do?

First, we must make better use of the frequency allocations available to us. We need to use them more for real communications and experimentation. In addition, we need greater participation in public service activities so that we provide a real public service. This will give those public agencies which we support, a reason to come forward and defend our existence.

Second, we need to make certain that our representatives in the Congress are aware of the contributions provided by amateur radio. Our continued existence, as you can see, is in their hands. Start drafting a well thought out letter to your congressperson now. Don't threaten. Just provide specific examples which will help him understand the value of amateur radio to our nation and ask him to keep that value in mind the next time an issue like this comes before Congress. We will keep you posted.

In closing I would like to take this opportunity to publicly thank those of you who expressed your sympathy at the recent loss of my father.

73, Mike, WB7DFQ

• More on spectrum sale
Page 10

DUES! DUES! DUES! DUES! DUES!

Dues are in arrears if you have not paid by December 31 of each year. Dues can be mailed to the **Radio Club of Tacoma at P O Box 11188, Tacoma, WA 98411** or pay them in person **at any club meeting to the club Treasurer**.

There is a Dues Renewal Form later in this issue of the Bark and it will also be in the December Bark. All members renewing their dues, please fill out the form and include with your dues payment so our records can be as up to date as possible. Thank you very much.

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will not forward Third Class Bulk Mail.

VOTE!

Make your voice heard!

RADIO CLUB OF TACOMA – 1996

PRESIDENT	MIKE CRAWFORD	WB7DFQ	531-4789
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
SECRETARY	MIKE HORBUL	KI7YB	845-2545
TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
BOARD (5)	RUSSELL FOSTER	KJ7YP	473-6614
	RALPH FULLER	KA7FIG	582-5841
	CHARLES HICKS	WY7V	535-3696
	ALAN HUGHES	KB7SVU	840-4947
	JERRY SELIGMAN	W7BUN	845-7652
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	MIKE CRAWFORD	WB7DFQ	531-4789
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	DICK RYAN	W7RGD	627 0922
	MIKE TREIT	KB7QOP	549-2399
	JERRY SELIGMAN	W7BUN	845-7652
PHOTOGRAPHER	STAN WARBURTON	N7KMF	535-6015
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	JERRY SELIGMAN	W7BUN	845-7652
COMPOSITOR	KATHLEEN NACE	N0EYK	862-8635
PUBLISHER	W7DK PRESS	N7QHW	265-3661

◆ ◆ ◆

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Modem or mail all articles to Kathleen Nace, N0EYK, 2812 204th Ave.Ct.E., Sumner, WA 98390. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.88 / .28 MHz	**144.97 - Packet**
147.98 / .38 MHz (pl 103.5)	**441.00 - Packet**

449.175 / 444.175 MHz KC7DDA

New Members

Tom D Payne, KK7BS RCT #1922
2124 SW 336th St.
Federal Way, WA 98023-8301 206-838-2658

George Noble, KB2SSL RCT #1923
703 N I St.
Tacoma, WA 98403-2011 206-274-8652

Reinstatements

Address/Phone Changes/Corrections

Lawrence Hawk, KC7OKL
2110 Ginkgo St. SE
Auburn, WA 98092-7108 Phone Unknown

James McCoy, N7RUL
8710 59th Avenue Ct. SW
Tacoma, WA 98499-2425 Phone Unknown

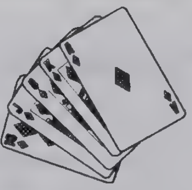
Harold Parkinson, KA7RNL
Wilma Parkinson, NO CALL
8240 Bridgeport Way SW
Lakewood, WA 98499-2673 Phone Unknown

Bob Teitzel, WA7ZZA
Grace Teitzel, AD7S
WINTER ADDRESS
4555 S Mission Rd #621
Tucson, AZ 85746-2301

Jeff Freedman, K7JF
8513 33rd St. W
Tacoma, WA 98466-2613 Phone Unknown

New Calls

Jan Twardowski, was KC7QFH and is now AB7SD
Bob Hagar, was KI7HW and is now W7SKI
John Hirsch, was KC7SJH and is now W7RFM
Candace Plumlee, was KB7KJX and is now KK7BI
Tom Payne, was KC7SJB and is now KK7BS



PINOCHLE

2 gatherings each month

Pinochle & Potluck - 7PM
1st Saturday of the Month
Ladies Pinochle - 12 Noon

4th Monday of the Month
Both gatherings at the Clubhouse.

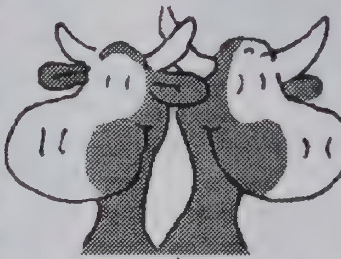
PINOCHLE NOTES:
Al Charap, KA7BRT, had 1500 trump on Oct. 5th. We had 3 tables. Good food! FUN! 73, Ethel, W7WLX

The FAIR 1996

de Kathleen, N0EYK

Congratulations to ALL who helped make the V'DK/Radio Club of Tacoma booth in the Hobby Hall a the Western Washington FAIR last month a great s ccess! We had many, many positive comments frm the FAIR staff as well as from the visiting public. Its very important that we maintain our good standing wh the FAIR staff so that we can continue to have this cannel to present amateur radio to a large cross-sction of the public. I hope that we will be abie to cntinue this long tradition into the future.

As the chairman of our effort at the FAIR, I sn the contract with the FAIR Association agreeing, a ong other things, to provide an "attendant in charge o the space at all times during established building h urs:...". I would like to specially thank L , KB7WDB, and Nora, KC7JME, for s ying past the end of their shift until I c uld get there, to cover an error in assnments on my part. Thank you both a ain! During my time as booth chair, I h ve seen at least one group loose its iritation to return to the Hobby Hall due tc lack of member participation in booth c verage. Let's not allow this to happen to the Radio C ib of Tacoma effort.



Thanks to Marilyn, KJ7BN, for filling in for me during the second week of the FAIR. Roger and I had a great time on our camping trip in spite of the rain! Don, AB7DS, Marilyn, KJ7BN, Nora, KC7JME, Mike, KB7ZDR, Edith, KB7KSY, and Dick, KB6PWR also helped with setup. Thanks, gang! Thanks to Dick, N7RHV, for loaning us a monitor for the computer when ours decided it didn't want to play anymore!

Thanks to all those who took time out of their busy days to actually be at the booth, doing the Puyallup, greeting the public in the name of amateur radio: WY7V, N7JFM, KJ7YP, N7YFE, N7KFM, N7OIX, N7FQR, N7IRW, KC7JME, KB7WDB, KJ7WC, KA7IIV, W7PFZ, AB7DS, KJ7BN, KC7JKA, W7SKI, AA7EO, KA7NRA, KC7PSQ, KC7AZU, KG7SM, N7WGF, N7WGB, N7GWC, N7EPD, KB7SVX, KC7QFF, KC7OKQ, KC7OKR, N7IXO, KB7WYK, KC7KAN, W7ATB, KC7BAL, KB7SVU, KC7OKS, W7MSR, WV7Q, N7SPR, W7EC, WB7DFQ, KB7PKJ, N7QHX, N7QHW, N7ANF, W7WG, W6LIX, KC7QBE, KA7WGG, K7AYC, KB7KSY, KB6PWR.

Many of these folks did multiple shifts, making it easier when it came time to "beat the bushes"! Well done, everyone! Plan to "make it happen" again next year! Thank y'all! 73, Kathleen

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AJ7Y

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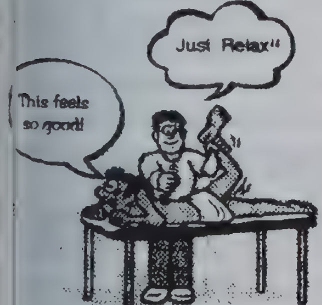
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Your Ad Could Be Here!

Call, Shirley, N7QHW
at (206)625-3661 for info.

ARES/RACES

DISASTER PREPAREDNESS

As promised, some words on preparing for floods from the brochure on ***Family Emergency Preparedness Plan*** developed by Group Health Cooperative of Puget Sound, American Red Cross and the Washington State Community, Trade and Economic Development Emergency Management Services.

N7QHW

Washington State is subject to a number of potential natural disasters such as fires, flooding, wind storms, severe winter storms, earthquakes, dam failures, volcanic eruptions and landslides. Remember, emergency services and government agencies may not be able to respond to your needs immediately. Their resources may be severely hampered by the event and they may be overwhelmed. Experts tell us to plan to be on our own for a minimum of 72 hours.

The most important concept in developing a family emergency preparedness plan is communication. Every member of the family needs to be involved so that when disaster strikes, everyone will know what to do. How well you manage the aftermath of disaster depends a great deal on your level of preparedness when disaster strikes.

FLOODS

Getting Prepared

- Find out if you live in a flood-prone area and identify dams in your area.
- Ask your local emergency manager about official flood warning signals.
- Know the terms **Flood Watch**, **Flash Flood Watch**, **Flood Warning**, **Flash Flood Warning**, and **Urban and Small Stream Warning**.
- Plan for evacuation.
- Consider purchasing flood insurance.
- Take steps to flood-proof your home. Call your local building department or emergency management office for information.
- Keep all insurance policies and your household inventory in a safe place.

In Case of Heavy Rains

- Be aware of flash floods.
- Listen to radio or television stations for local information.
- Be aware of streams, drainage channels and areas known to flood suddenly.
- If local authorities issue a flood watch, prepare to evacuate.
- Secure your home. If time permit secure items located outside the house.
- If instructed, turn off utilities at the mai switches or valves.
- Fill your car with fuel.
- Fill the bathtub with water in case wate becomes contaminated or services ar cut off. Sterilize the bathtub first.
- Stay away from flood waters.
- When deep flooding is likely, permit the floo waters to flow freely into your basement t avoid structural damage to the foundation an the house.

After the Flood

- Stay away from flood waters.
- Stay away from moving water. Moving wate six inches deep can sweep you off your feet.
- Be aware of areas where flood waters hav receded and may have weakened road surfaces.
- Stay away from and report downed power lines
- Stay away from disaster areas unless author ties ask for volunteers.
- Continue listening to the radio for informatio about where to get assistance.
- Consider health and safety needs. Wash you hands frequently with soap and clean water you come in contact with flood waters.
- Throw away food that has come in contact wit flood waters.
- Call your insurance agent.
- Keep records of all clean-up and repair costs.
- Take photos of or videotape your belonging and your home.
- Don't throw away damaged goods until a official inventory has been taken.

Local activities for ARES/RACES coming in th future are the Hike for Hospice in November and c course mushroom picking and hunting season increas the possibilities of lost individuals so Search and Rescue efforts pick up also.

There are still openings for management positions. You don't need to know it all before accepting management position because there are people available and willing to help in any way they can. If you ca help contact **Alan Hughes, KB7SVU, Pierce Count Emergency Coordinator at 206-840-4947 or Bo Tilley, KB7NBQ, Pierce County Radio Officer a 206-875-0577.** They need your help **NOW** so give ther a call.

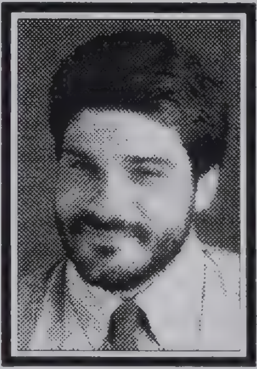
If you have not joined ARES/RACES and woul like to, contact Alan or Bob or see Shirley, N7QHW, a any Radio Club meeting for an application.

Coming next month--some words on eart quakes preparation. 73, Shirley, N7QHW

W7DK HF STATION

de Brian, KA7KUZ

If you weren't there, you missed all the fun! This year W7DK went to Rush Drakes' super station in La Center, WA. for the Washington State QSO Party. Was it an exciting time! We made over 1000 contacts for a total of 2300 QSO points. We made 99 multipliers (counties, states, provinces, and DX countries) for a total score of approximately 231,000 points. If last year is any indication of how things will be this year, that should put us in first place over the BEARS by about 60,000 points. It may be early but the sweet smell of victory may be at hand!! At times we were running pile ups on 20 meters with just 100 watts. Eric, N7EPD, Mike, KB7QOP, and Eric, N7GGJ, were banging away at the brass to really beef up the score, while Bud, KC7AVT, talked a few ears off on 20 phone. In the end, it was a great time. Many thanks to Rush, W7RM, for the use of his super station. Thanks also to Dan, N7QWH, Val, N7VGO, Eric, N7PD, Mike, KB7QOP, Marilyn, KJ7BN, Don, AEDS, Bud, KC7AVT, Lorna, KB7YTJ, Owen, KEUXP, Eric, N7GGJ, and Al, K7PUC, for your hard work and participation.



KA7KUZ

Sweepstakes, the biggest contest of the year, is coming up in November. The CW contest will be held on November 2 and 3 and the phone contest will be on November 16 and 17. Both contests start at 1 PM on Saturday and run until 7 PM on Sunday. You exchange serial number (beginning with 1), your power classification (A for <150 watts, B for >150 watts, and Q for QRP), your call sign, the year you were first licensed, and your ARRL section (for this area it's WWA for Western Washington). For further clarification see the October issue of **QST** for the contest rules. We will be doing the contest from the Clubhouse for the phone contest. **Everyone is welcome to participate!** Plan on being at the Clubhouse at noon on November 16th. If you're one of the night owls or want to work the full contest, see Mike, KB7QOP, or myself regarding operating times. I will be passing around a sign up sheet at the regular meetings. I do want to emphasize that everyone is welcome to participate. We are here to have fun first and foremost, and if you're new or inexperienced at contesting, we'll take the time to get you started and feeling comfortable with the concept. If any of you are planning to participate in next year's Field Day, this is great practice in contesting.

If you are planning to work the contest from your home, turn your logs in to me. The Radio Club of Tacoma can compete for an aggregate score of its members. Last year we placed in about the middle of the pack. We could stand some room for improvement.

If you are planning to work the contest here are a few pointers

- Check out your equipment ahead of time. Don't wait until the day of the contest to learn that your transmitter is not working or the connection at the antenna has gone bad. Check it out the weekend before.
- Listen on the bands a couple of days before the contest. Chances are you will get an idea of how propagation will be in the contest. This can help you decide whether to run high or low power or whether to concentrate on one band.
- The night before the contest get plenty of sleep. You will need as much rest as you can get.
- During the contest don't waste time trying to make a contact. If you can't make the contact in three tries, move on. You waste valuable time trying to make a contact that may not count for much.
- Lastly....Have Fun!

I hope to see all of you on the air. Come up and try out the Club station. There is always someone on the air and the station is open for anyone to use, regardless of class of license.

73, Brian, KA7KUZ

SWEEPSTAKES
CW - Nov. 2nd & 3rd
Phone - Nov. 16th & 17th

League membership
benefits you and
our Club.

Amateur Radio Exams

in the Puget Sound Region as of May, 1996

1st Tuesday - 7 PM - **Puyallup** Fire Station, 128th St. one block west of Meridian, Puyallup - Contact Mike Horbul, KI7YB, 845-2545.

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, **Kent** - Contact Burt Mendez, KB7ZCW, 824-2785, Seattle

2nd Tuesday - 6:30 PM - **Everett** - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clubhouse - Contact Jerry Seligman,W7BUN, 845-7652

2nd & 4th Thursdays - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - **Auburn** - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave - next session - September 21 - Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

HELP NEEDE

INSTRUCTORS, TEACHERS ASSISTANTS, HELPERS

Those of us involved in license classes a constantly on the alert for better methods for teachi beginning Amateur Radio. Recently, there has been lot of discussion on concentrated (sometimes call "intensive") classes - one or two day all day sessio versus one hour, or so, a week for 11 or 12 weeks. F a discussion on this approach, refer to the article Mike Lamb, N7ML, in April **QST**, page 31.

We are seriously considering offering a co centrated Technician License class that would be alo the lines described in Mike Lamb's article. Tentativel we are looking at a couple of Saturdays in Januar 1997.

So far, the concentrated courses referred have produced a success percentage equal to t one-night-a-week type course. Success is defined the number of students passing their license exams.

One disadvantage of this approach is that really needs more instructors. Of course, it wou require only a short time commitment - an hour or tw several times a year. Can you help us out? This is very satisfying activity because of the feeling of helpi people. A comment I often hear is that the instruct learns more than the students. So this is a great bene for those of you interested in upgrading.

If you are interested (even slightly), please c Bill, W7GBC, at 584-1086, or Al, KC7DDA, at 47 9023. Please do it now since the success of th undertaking depends, to a large extent, on having th people to pull it off. It has the potential for attracting number of people to our ranks that might not normal have the time to devote to 3 months of classes.

Call now! 73, Bill, W7GBC

Radio Club of Tacoma License Exams

NOVEMBER 12, 1996

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID pen, pencil/eraser, calculator, and a check made out to ARRL/VEC for $6.05. For information call:

Jerry Seligman, W7BUN 845-7652

In Remembrance

Kenneth S. Anderson
WB7QNT

RCT # 837

He was first a husband, then father of two fine sons and upon retirement became our friend, mentor, helper, always there when needed, always smiling, giving to others and asking little in return.

Ken, WB7QNT, was born on December 18, 1912 and died on October 19, 1996 peacefully while sleeping. Ken and Eva have lived in the Tacoma area since 1945. Their home in Fircrest was first located on Wilkeson Street and moved to its current location when the freeway came to be at their old location. Ken married Eva in 1940 and they had 56 wonderful years together and became proud parents of 2 sons.

Ken was employed as an electrician at the Puget Sound Naval Shipyards in Bremerton until his retirement in 1973. Upon his retirement, Ken and Eva became prospectors with their metal detectors. They both enjoyed this hobby very much and had an excellent time when prospecting according to Eva.

Ed, KA7LGV, a long term and good friend of Ken's, recalls their good times when collecting tropical fish and how Ken developed a special formula for the white worms that they fed their fish. Ed says Ken and Eva were the finest people one could know. There was always a smile and Ken was always a helping hand, no matter the project.

Upon Ken's retirement, both he and Eva became Amateur Radio Operators. Ken was first licensed in 1977 and became a member of the Radio Club of Tacoma in the fall of 1977 and has been a member ever since. Ken quickly aspired to the Amateur Extra Class license. Ken loved DX and had confirming QSL cards from over 200 countries to prove it. He also did some RTTY and participated in Search and Rescue communications in Spokane as well as here locally. One could drive down Berkeley Street and find Ken's house simply by looking for that huge Quad antenna which I understand was built by Ken himself.

Ken is survived by his loving wife of 56 years Eva, WB7QNS; son Frederick L. and wife Lynne of Bonney Lake, WA; and son Richard L. and partner Kathy of Ashland, OR as well many, many friends and fellow amateurs.

Ken will be missed. Many times the phone would ring and I would answer it to hear from the other end "Hi Good Lookin" and it was Ken. You could see and feel his smile through the telephone lines.

Godspeed and a fond farewell from your friends at the Radio Club of Tacoma.

CW: Getting Started

CW in the Real World

de Mike, KB7QOP

I would like to devote some time to discussing the real down-to-earth aspects of operating Morse Code on the HF bands. It is one thing to learn CW from tapes or a computer program and be able to copy the characters that are being sent. It is quite another to come to understand the real nuts and bolts of the Morse Code language.

If I told you that I could carry on the same conversation in CW that you could on voice, at the same speed, you would probably call me a liar. And you would be right. Morse Code is, by its nature, a slower medium of communication than normal speech. Yet a CW QSO can actually progress at speeds much faster than the overall code speed would imply. Most people consider 20 words per minute to be a pretty brisk pace for code. Try talking at 20 WPM, however, and you will soon realize that it is hardly lightning fast. We normally talk at speeds well over 150 WPM, which would be indecipherable in code.

The trick is, Morse Code operators do not carry on the same conversation that they would if operating a voice mode. Instead, they use a wide variety of abbreviations and special techniques that vastly speed conversation and allow competent operators to carry on a contact at speeds approaching those of regular speech.

Let's take a hypothetical example. It's a gloomy December night and Morel, Mac and Worth have been kicking around at the club station trying to coax a vintage 1930's transmitter to work. Taking a break, they tune across the 80 meter band and hear me calling CQ on 3.711 MHz. The conversation, on paper, might look something like this:

KB7QOP: CQ CQ CQ DE KB7QOP KB7QOP KB7QOP K
W7DK: KB7QOP DE W7DK KN
KB7QOP: RR GE OM ES UR FB 599 HR. HW CPY? KN
W7DK: RR MIKE UR ALSO 599 ES TNX FER FB RPT. DE W6NBD AT THE KEY. WISH I HAD MY BUG. KN
KB7QOP: RR FB ES HI HI, MAC. SRI, MUST QRT FER DINNER. TNX QSO ES 73. W7DK DE KB7QOP SK
W7DK: RR FB, MIKE. 73 ES CUL. DE W7DK SK.

KB7QOP

Look like gibberish? Maybe at first, but once you get a feel for some of the abbreviations and shortcuts it i really very easy. Most of us are familiar with some c the standard Q-Signals, such as QSO and QTH because we use them in voice communication a part of "the lingo." These Q-Signals are all derive from use in CW conversations. In the first line of m imaginary QSO, I called CQ using a standard 3x format: 3 CQs followed by "DE", followed by m callsign 3 times. "DE" in CW stands for "From" o "This is". Therefore, I was actually saying "CQ CC CQ this is KB7QOP..." The letter "K" is a prosign, o special character, that is the voice equivalent of th word "Over".

The letter "K" is a little more specific than th term "Over" on voice, though. It actually mean "Any station please answer", and is thus generall used at the end of a CQ call. The letters "KN" ar used to turn it over to the specific station bein talked to, as can be seen in W7DK's response to m call.

The other abbreviations used are fairl straight-forward. The letter "R" is used to mean " copied everything OK". A voice equivalent to "RR might be "Roger Roger." "GE" stands for "Goo Evening" and "OM" stands for "Old Man." An impor tant abbreviation is "ES", which is how CW operator say the word "And." "UR" means "You Are" and "FB is a general term for "Great" or "Fantastic". It literall means "Fine Business."

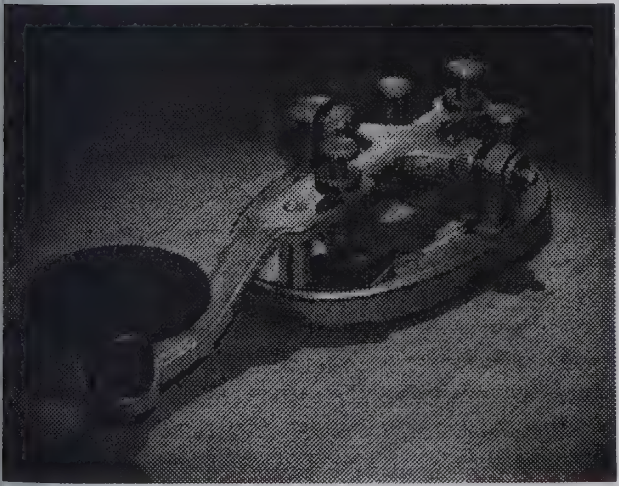
"599" is, of course, the signal report. The las digit refers to the quality of the tone and, contrary t popular belief, some operators do give out number less than a "9" for this part of the signal. "HR" stand for "Here" and "HW CPY" means "How do yo copy?" Therefore, my second transmission reall says "Roger roger. Good evening old man and yo have a great 599 signal here. How do you copy me Over to you."

By now you should be able to get the gist c th second transmission from W7DK. It says "Roger roer, Mike. You are also a 599 and thanks for the grat report. This is W6NBD at the key. I wish I had m bug. Back to you."

The phrase "HI HI" is a laugh in Morse Code. Yo have probably heard it used on voice as well to deote humor...sort of like those sideways smilies yo see on the Internet. "SRI" means "Sorry" and yo are probably familiar with "QRT", which means to si-off of the radio. Notice that one of the ways CW oprators speed up their conversation is to ignore th proper grammatical rules that would apply to ornary speech. Therefore, the phrase "TNX QSO" stds for "Thanks for the contact."

You might be wondering why the letters "FR" are sent instead of "FOR." After all, both have th same number of letters. "FER" is actually quite a bitfaster, however, because the letter "E" is simply or "Dit" in Morse Code, while the letter "O" is 3 "Dh's." Sending an E speeds things up overall. Yo might have seen the common abbreviation "CL" in an email. It means "See you later." Also, th prosign "SK" is used to signal the end of a ctact.

There are lots of other abbreviations commnly in use on CW, but it really does not take long topecome familiar with them. Take a look in the ARL handbook, the ARRL Operating Manual or "Nw You're Talking!" for a complete list of the most cmmon abbreviations. Don't, however, worry about tng to memorize the entire list. After a few QSO's it l starts sounding like plain English. Take some tire to tune across the bands and listen to some CW rachews. It's a fun language, and you'll pick it up in ntime!



IT'S A PARTY!

Marilyn, KJ7BN, called to let the editor know that the W7DK Christmas gathering will be held on:

Saturday, Dec. 7, 1996
Potluck starting at
6 PM

Mark your calendars NOW! The AROWS will be holding drawings for a number of prizes during the evening. Come and join the fun!

AMATEUR RADIO
Friendships
around the world!

Editor's Notes

de NØEYK

I am sorry to have to report the passing of another loyal RCT member this past month. Ken will be greatly missed. Our love to Eva. Please remember to give her a call now and then and offer her a ride to Club events or other things. Also, our sympathies go to Mike, WB7DFQ, and Sally, KB7PKJ, on the passing of Mike's dad.

PLEASE remember to vote in ALL elections that are taking place this month. Make your voice heard!

If you are at all interested in helping with the intensive class, be sure to call Bill, W7GBC, or Al, KC7DDA. We need YOUR help.

BLESSED THANKSGIVING! Kathleen

Political speak...

Fom the ARRL Web page;

ARLB072: President's Message

SB QST @ ARL $ARLB072
ARLB072 President's Message

Note: This bulletin has been revised to clarify an earlier report.

ZCZC AG52
QST de W1AW
ARRL Bulletin 72 ARLB072
From ARRL Headquarters
Newington CT October 9, 1996
To all radio amateurs

SB QST ARL ARLB072
ARLB072 President's Message

President Bill Clinton has sent greetings to the Amateur Radio community during the week leading up to the October 12-13 Simulated Emergency Test. While the President's message refers to "Amateur Radio Week," it is not a formal Presidential declaration as earlier reported. ARRL member Darlana Mayo, KB2EPU, of Mt Vernon, New York, worked with the White House for several months to get the greetings. Mayo said she wanted the president to "be aware of our value to the community--particularly in emergencies." Mayo--a ham for 10 years--is a member of ARES and RACES, and serves as an assistant director and an assistant emergency coordinator in the Hudson Division.

Here's the text of the White House message, which was signed by President Clinton:

Warm greetings to everyone observing October 7 through 13, 1996, as Amateur Radio Week.

In the past century, the medium of radio has changed the way we live and the way we view our world, and Amateur Radio operators have played a vital role in this communications phenomenon. Sharing knowledge and technological expertise, connecting computers via radio equipment, and linking people all across the globe, ham radio operators have helped to make our world a true global village. But even more important, they have provided a crucial lifeline of relief in times of disaster and hardship, ensuring that hope and help are on the way to those in need.

Amateur Radio Week offers us a welcome opportunity to thank our nation's amateur radio operators for their commitment to excellence and their willingness to work for the well-being of others.

Best wishes for a wonderful week.

NNNN
/EX

Editor's Note: Sure to make us all feel good! But then, watch out for the back court press while we are smiling! Let's use those frequencies and write some letters.

Political action...

SB QST @ ARL $ARLB074
ARLB074 Congress directs FCC to put 2.3 GHz spectrum u
for bid

ZCZC AG54
QST de W1AW
ARRL Bulletin 74 ARLB074
From ARRL Headquarters
Newington CT October 16, 1996
To all radio amateurs

SB QST ARL ARLB074
ARLB074 Congress directs FCC to put 2.3 GHz spectrum u
for bid

Possibly for the first time ever, Congress has directed th
reallocation of specific frequencies, including 5 MHz that Am
teur Radio shares with government services between 2305 an
2310 MHz. During its final hours before adjournment, the 104t
Congress approved a provision as part of a much larger appr
priations bill that directs the FCC to put 30 MHz of spectrum
the 2.3-GHz region up for competitive auction to help balanc
the budget.

The National Telecommunications and Information Administr
tion (NTIA) had identified for reallocation the amateur segmen
2300-2310 MHz and 2390-2400 in May 1994, so reallocation
part of that subband came as no surprise (see QST, Jul 94, p 8
and Aug 94, p 72). Last year, hams scored a major victory b
getting a primary allocation on the subbands 2390-2400 MH
and 2402-2417 MHz.

The recent congressional action will reallocate 2305 to 232
MHz and 2345 to 2360 MHz--30 MHz in all--to "wirele
services that are consistent with international agreement co
cerning spectrum allocations." The action was included in th
massive, 2000-page Omnibus Consolidated Appropriations Ac
which was passed by Congress and signed by the President. Th
act now is Public Law 104-208.

Shortly after the measure was introduced in the Congress, ARR
sent messages to House and Senate Commerce Committee an
Appropriations staff members to alert them to the League
concerns and the possible impact the bill would have on th
amateur allocation at 2300-2310 MHz. The measure also w
opposed by the Senate Commerce Committee leadership, whic
stated that auctions ought to be used only for assignme
purposes, not as a means of raising Federal revenues. The newl
reallocated spectrum is to be put up for bid no later than ne
April.

ARRL Executive Vice President David Sumner, K1ZZ, sai
"Congressional action directing the reallocation of specific fr
quency bands is very unusual, and may even be unprecedente
Setting that issue aside, it is too early to know the implicatio
for Amateur Radio. We have been waiting for the other shoe t
drop on 2300-2310 MHz ever since 1994, and to some exte
we are still waiting. Perhaps we will at least have the opportuni
to strengthen our claim to 2300-2305 MHz."
NNNN
/EX

MINUTES

RDIO CLUB OF TACOMA, INC.
RGULAR MEETING
SPTEMBER 11, 1996

The Radio Club of Tacoma meeting was called to orer at 7:30 PM by President Mike Crawford, WB7DFQ.

TEASURER : The report from Shirley, N7QHW, indicaed we had 466 paid 1996 members.

HALTH AND WELFARE: Mike, WB7DFQ, read Bill Aes obituary. Billy was born in San Francisco and then mved to Tacoma. His old call sign was W7CAY and his reent one was KA7IQQ. We had a moment of silence in himemory.

POGRAM: Bill, W7GBC, our program chairman and Ve President, introduced one of our members, Lyle, K7RBV, who had recently attended the Handi-Hams Cmp in Minnesota. Lyle thought it was a great place and tcl us all about the fast paced and exciting time he had thre. He thought the instructors were excellent and the trning program very good.

ARL: Harry Lewis, W7JWJ, our Western Washington Stion Manager, spoke on the future of amateur radio. Wh the new onslaught of commercial interests on the hm bands, our hobby is again under the gun. He also spke of the new no-code technicians who seem not to jo any clubs or support any organizations.

AES: Shirley, N7QHW, reported that the Hike for Hospie was coming up in November. If you would like to hp, please contact our ARES leader.

FIR & BARK: Kathleen, N0EYK, said she had only one oening left at the fair which was promptly filled by a vunteer at the meeting. Things are going well, so far. BRK deadline is the 15th.

TAINING: Bill, W7GBC, announced that the first novice/tehnician class will be at the clubhouse on October 7, 6 P. So, please help by telling others about this opportun.

WASHINGTON STATE QSO PARTY: Brian talked about o next field event, the Washington Salmon Run. The QO Party contest starts at 5 AM Saturday morning and rus until Sunday evening with a break over Saturday nht. The plan is to travel down to Rush Drake's super stion near Vancouver, Washington. They need some hp this weekend the 14th for setup. The party is on the 2st and the group will be leaving the 2h from the clubhouse.

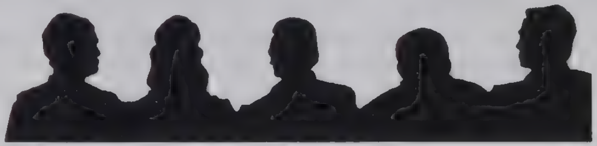
FIDAY THE 13TH CONTEST: Don't forget the contest . Se the Bark for details.

CUBHOUSE: We have several projects going on at the cbhouse. A new fence will be going up at the front of the pking area. The garage roof needs replacing and a scure storage area is being fabricated in the garage. At ts time an anonymous donation for one hundred dollars was accepted by the club to go towards the fencing.

TUNING & TRAFFIC: Hal, W7EC, reported a contact with UA1OW from Romansk. Dan, KC7CUQ, reported several contacts from the clubhouse to Germany, Macedonia, and England. Also from the clubhouse station Brian, KA7KUZ, worked Pago Pago after the last board meeting.

ADJOURNMENT: The meeting was adjourned at 8:30 PM.

Attendance: 48
Respectfully submitted,
Mike Horbul, KI7YB, Secretary
Radio Club of Tacoma



RADIO CLUB OF TACOMA, INC.
REGULAR MEETING
SEPTEMBER 25, 1996

The Radio Club of Tacoma meeting was called to order at 7:30 PM by Vice President Bill Shimmin, W7GBC.

TREASURER : The report from Shirley, N7QHW, indicated we had 469 paid 1996 members.

HEALTH AND WELFARE: Tom, N7QHX, reported that Jerry, W7BUN, is at Madigan in the cardiac care unit. He also reported Alan, N7EAY, had surgery on his broken wrist. Ralph, KA7FIG, is still having a rough time on his road to recover after suffering a recent fall. Marilyn, KJ7BN, suggested we should all donate blood for two reasons - it's badly needed and you can earn a ten gallon tee-shirt like she did.

PROGRAM: Bill, W7GBC, our program chairman and Vice President introduced Hal, W7EC, one of more industrious members. He talked about some of his recent projects for to provide backup power for his radio projects.

ARES: Shirley, N7QHW, reminded us of the Hike for Hospice in November and of the election nominations in October.

WASHINGTON STATE PATROL: The patrol is holding a hearing on cell-phone operation which was thought might also affect ham radio operation. The concern of the patrol was that it could be causing an increase in accidents by occupying the driver and taking up one of hands to operate the phone. They were looking into to regulating the use to hands free operation.

BARK and the FAIR: Kathleen, N0EYK, gave thanks to everybody that helped at the FAIR. About 1100 people signed the guest book. The BARK party will be Monday the 30th at 10 AM. Articles for the next bark are due by the 15th.

CLUBHOUSE: Danny, KC7CUQ, reminded us of the Birthday party for the Club which is October 20th. Danny promised to have an special birthday cake for everybody that stops by the Clubhouse on Sunday. Don't forget about the Contest.

WASHINGTON STATE QSO PARTY: Dan, N7QWH, reported on the good time at Rush Drake's where they racked up over 600 contacts.

NOMINATIONS: Tom, N7QHX, reminded us the first meeting in October was the nominations meeting. Please attend to nominate your favorite candidate.

ARRL: Bill, W7GBC, said the ARRL reported that the FCC received over 5000 vanity call sign requests when gate 2 opened. This will delay assignments of the new call signs several weeks.

TUNING & TRAFFIC: Don, AB7DS, said that DJ4OA is visiting from Germany and you may find him locally on 2 meters. Mac, W6NBD, reported band conditions have been terrible on the 20M Alaskan net.

CERTIFICATES: Scott Rosengren, KC7SDG, received a new member certificate.

ADJOURNMENT: The meeting was adjourned at 8:27 PM.

Attendance: 46

Respectfully submitted,
Mike Horbul, KI7YB, Secretary
Radio Club of Tacoma

DO SWEEPSTAKES!

SPECIAL SERVICE CLUB

RADIO CLUB OF TACOMA, INC.
BOARD MEETING
OCTOBER 2, 1996

The Radio Club of Tacoma Board of Directors meeting was called to order at 7:30 PM by President Mike Crawford, WB7DFQ. All board members and nine guests were present, representing a quorum.

SECRETARY'S REPORT & CORRESPONDENCE: Minutes of the last board meeting were approved as printed in the Bark. Denny, W7ZTG, sent a letter to the Club which included an internet article discussing an upcoming meeting at the Washington State Patrol. Jerry, W7BUN, replied that Mary Lou Brown, our Northwestern ARRL Director, had provided us information that this did not pertain to amateur radio. We also read a letter from the Bank of Cal., as executor of the estate of Bill Antes, KA7IQQ, who graciously left all of his electronic gear to the Radio Club of Tacoma. We will write a letter seeking further information. Last, we received a lease from the Department of Natural resources. Also, reported by Kathleen, N0EYK, an article from the January BARK written by Mike Treit, KB7QOP, has been reprinted in the ARNS.

TREASURER'S REPORT:

GENERAL FUND CHECKING	$1,648.93
REPEATER FUND CHECKING	571.51
PACKET FUND CHECKING	500.00
FLEA MARKET CHECKING	4,511.24
MONEY MARKET SAVING	10,762.88
SCHOLARSHIP WORKING FUND	600.00
SCHOLARSHIP MEMORIAL FUND	2,759.73
CASH on HAND	9.20
TOTAL ALL ACCOUNTS	$21,363.49

There are 468 1996 members.

MEMBERSHIP AND TRAINING: Bill, W7GBC, restated the first class is October 7 at 6 PM and we have had about 12 people pre-registered. It was recommended by Jerry, W7BUN, that we consider providing a concentrated course. This would mean providing training in a 2 day course for 8 hr each day with testing at the end of the day.

FENCE: Bill, W7GBC, has contacted several companies for quotes on the fence. It will be about fifty feet long and have a twelve foot gate. The bids were under the donation amount and Bill was instructed to proceed.

Clubhouse & Washington State QSO Party: Brian, KA7KUZ, reported more stories about the successfully expedition to Rush Drake's.

MEMBERSHIP IMPROVEMENT: We are looking for more net controllers.

FAIR & BARK: The antenna needs repair at the fairgrounds before next year. The BARK is out and the next article due date is the 15th. The Club web-site is outdated and needs to be changed. Rob, K7TGU, volunteered to try to obtain and maintain a permanent web-site.

OLD BUSINESS: We reviewed the fence information and left the implementation to the fence committee. Jerry, W7BUN, revisited the need of a greeter. Russell, KJ7YP, volunteered to be the greeter for our regular meetings. Chuck, WY7J, brought up the awards that we need for the 80th birthday contest. The board approved to set aside $50 for certificates from a motion made by Ralph, KA7FIG, and 2nd by Jerry, W7BUN.

Shirley, N7QHW, brought up the bulk mailing with the nine digit zip codes that will be required. She has completed setting up for the new requirement.

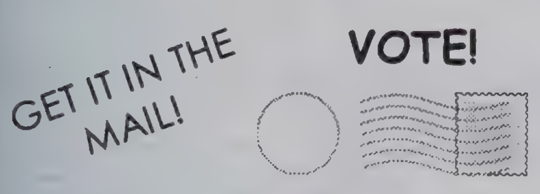
NEW BUSINESS: Shirley, N7QHW, brought in a preliminary budget for next year in order for us to review the need to raise dues. The board elected not to make any changes on the dues. The membership data base also needs updating. A modified form was created by Shirley to be attached in the BARK as a reminder for renewing. Jerry, W7BUN, reminded us that the scholarship committee needs to be reactivated. Mike, WB7DFQ, said he would check into reestablishing that resource. Jerry, W7BUN, made a motion to accept the lease from the DNR for the 147.38 repeater. Bill, W7GBC, seconded and the motion passed.

GOOD of the ORDER: Mac, W6NBD, and Worth, W7WG, reported that the antique rig is working well. They are still working on trying to enable the rig for AM operation. They are asking for more space for a workbench. The Kitsap Club has asked them to demonstrate an old g at the flea market this month at Kitsap.

DJOURNMENT: The meeting was adjourned at 8:55 M.

ttendance: President Mike, WB7DFQ, Secretary Mike, I7YB, Treasurer Shirley, N7QHW, Russell, KJ7YP, lan, KB7SVU, Ralph, KA7FIG, Bill, W7GBC, Chuck, VY7V and Jerry, W7BUN. Also in attendance were Rob, 7TGU, Al, KC7DDA, Danny, KC7CUQ, Mac, W6NBD, Vorth, W7WG, Brian, KA7KUZ, Kathleen, N0EYK, Dick, B6PWR, and Dan, N7QWH.

espectfully submitted,
ike Horbul, KI7YB, Secretary
adio Club of Tacoma


GET IT IN THE MAIL!
VOTE!

ADIO CLUB OF TACOMA, INC.
EGULAR MEETING
CTOBER 9, 1996

he Radio Club of Tacoma meeting was called to order at :30 PM by President Mike Crawford, WB7DFQ. Bob ook, KB7YTH, upgraded to Advance on Tuesday Clubouse testing. A quorum was present.

REASURER : The report from Shirley, N7QHW, indiated we had 469 paid 1996 members.

EALTH AND WELFARE: Tom, N7QHX, reported that erry, W7BUN, is back in the hospital in the special care ard. Shirley, N7QHW, said that Ken Anderson, VB7QNT, is not doing very well and Eva would probably ppreciate any support we could give.

ROGRAM: Bill, W7GBC, our program chairman, introuced our stand up comics for the night - Brian, A7KUZ, and Dan, N7QWH, the odd couple of the Great Vhite North. Dan and Brian presented a narrated slide ow of their trip to Northwest Territories.

ITSAP RADIO CLUB PRESENTATION: Tom Sanders, 6XXX, presented a donation check to the AROWS roup for $100 and $800 to the Radio Club of Tacoma. e thanked us for all of the support we gave the Club and e Missouri Project.

OMINATING COMMITTEE: Tom, N7QHX, the chairman f the committee with Jean, KB7SVX, and Al, KC7DDA, troduced the following nominees: President - Mike rawford, WB7DFQ, and Brian Spindor, KA7KUZ, Vice resident - Bill Shimmin, W7GBC, and Tressie Hughes, C7BAL, Secretary - Carl Glimpse, N7UDP, Treasurer - hirley Murphy, N7QHW, and for board - Jerry Seligman, 7BUN, Russell Foster, KJ7YP, Ralph Fuller, KA7FIG, lan Hughes, KB7SVU, Mike Compton, KB7ZDR, Dan elly, N7QHW and Gary Brevic, N7GWC. Each position as announced open for nominations from the floor three times by Tom and then officially closed.

ARES: Alan, KB7SVU, announced a training session at the Pierce County Airport on the 3rd Wednesday this month.

BARK: The BARK deadline is the 15th.

TRAINING: Mike Treit, KB7QOP, has stepped in to be the CW instructor. Thanks Mike.

CLUBHOUSE: Danny, KC7CUQ, reminded us of the Birthday party for the Club which is October 20th. Danny promised to have an special birthday cake for everybody that stops by the Clubhouse on Sunday. Don't forget about the Contest.

TUNING & TRAFFIC: Don, AB7DS, reported openings to South Korea on 80M around 1800Z and Val, N7VGO, reported a ZW2 on 20M at 6 local time.

GOOD OF THE ORDER: Worth, W7WG, stated that the antique wireless group will take a radio and demonstrate it at the Kitsap Flea market this weekend. Marilyn, KJ7BN, announced that the Christmas party will be Saturday, December 7 at the TACID building, which is the same location as last year. Shirley, N7QHW, wanted to express our thanks to Lorna, KB7YTJ, for the fine job she did keeping the books for this year's flea market. Also, we will have a ballot mailing party Friday the 18th.

CERTIFICATES: George Noble, KB2SSL, received a new member certificate. Certificates were also available for John Hirsch, W7RFM, and Tom Payne, KK7BS.

ADJOURNMENT: The meeting was adjourned by Bill, W7GBC, at 9:20 PM.

Attendance: 89

Respectfully submitted,
Mike Horbul, KI7YB, Secretary
Radio Club of Tacoma

◆ ◆ ◆

RADIO CLUB OF TACOMA

W7DK

ARRL
RADIO CLUB OF TACOMA
W7DK

November 1996

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 *DEWEY W7HF *RUSSELL KJ7YP **JA INTERNAT'L DX SSB CONTEST NOV 1-2**	**2** **7:00 PM CLUBHOUSE PINOCHLE POTLUCK** *ART KC7RPG **ARRL SWEEPSTAKES CW NOV 2-4**
3 *LUIS AA7WE **ARRL SWEEPSTAKES CW NOV 2-4**	**4** **6:00 PM TECH CLASS** *DEBBIE N7QPA	**5 **** **7:30 PM RCT NET 147.28R** *PATRICK KG7KM *PETER KC7IBI *ROBERT KB7MRZ **Election Day**	**6** **7:30 PM RCT BOARD MTG**	**7** *JOEY KB7UXC *MAURICE KA7THR *ROBERT KA7FHM	**8** *JAMES WQ7H	**9**
10	**11** **6:00 PM TECH CLASS** *BETTY N7OVW **Veteran's Day**	**12** **7:00 PM RCT LICENSE EXAMS** **7:30 PM RCT NET 147.28R**	**13** **7:30 PM RCT GENERAL MTG LIBRARY 112 E & WALLER RD** *CLIFTON W7MFG *JACK K7VOV	**14** *JASON KC7QHL *JEROMY KC7JDM	**15** **BARK DEAD-LINE**	**16** *RUTH N7WGF **ARRL SWEEPSTAKES PHONE NOV 16-18**
17 *BILL W7GPR *DONALD N7OTV **ARRL SWEEPSTAKES PHONE NOV 16-18**	**18** **6:00 PM TECH CLASS** *KEN WB7QNT *WILLIE KA7NXK	**19** **7:00 PM MVWS VE EXAMS** **7:30 PM RCT NET 147.28R** *BILL WA7JAM *STEVE KC7KAZ	**20** **7:00 PM ARES/RACES MTG–TACID BLDG**	**21** *JEFF K7JF *KATHY N7DVS	**22**	**23** **CQ WW DX CONTEST CW NOV 23-24**
24 *ALAN KB7SVU *MALCOME KI7RZ *PAUL N7EPH **CQ WW CONTEST CW NOV 23-24**	**25** **12:00 PM CLUBHOUSE LADIES PINOCHLE** **6:00 PM TECH CLASS**	**26** **7:30 PM RCT NET 147.28R** *ANDREW W7RW *JAMES KC7QOT *JOE WA7BLE *JOHNNY KJ7M	**27** **7:30 PM RCT GENERAL MTG LIBRARY 112 E & WALLER RD** *CLARENCE NU7K	**28** **Thanksgiving** **Thanksgiving**	**29** *JACK W7IMW **26 SHOPPING DAYS TILL XMAS**	**30**

October 1996

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December 1996

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* HAPPY BIRTHDAY

RADIO CLUB OF TACOMA DUES RENEWAL FORM

RC BYLAWS SECTION TWO - MEMBERSHIP FEES AND ASSESSMENTS

(B DUE DATE. Membership shall commence with the tender of a properly completed application and appropriate fee to an club officer. Annual membership dues will be paid in advance, in total on or before December 31 of each year. enewal notice may be provided in the club newsletter. Dues not received by March 31 of the current membership er shall be considered in arrears at which point membership and all rights and privileges therein will be terminated ithout further notice.

In order for our records to be as accurate as possible, please fill in the following information even if you feel there is othing different for you that we already have on record.

MBERSHIP TYPE: FULL [ ] SENIOR [ ] ASSOCIATE [ ] STUDENT [ ]

N ME____________________________________CALL________________

ADRESS____

C Y_________________________STATE_____ZIPCODE + 4________________

T EPHONE(PLEASE INCLUDE AREA CODE)_______________________________

ARL MEMBER [ ] YES [ ] NO LICENSE CLASS_________

[ ] FAMILY MEMBERS:

N ME____________________________________CALL________________
ENSE CLASS________________________

N ME____________________________________CALL________________
ENSE CLASS________________________

N ME____________________________________CALL________________
ENSE CLASS________________________

N ME____________________________________CALL________________
ENSE CLASS________________________

===

F LL(regular membership for licensed amateurs)	$20.00
NIOR(65 YEARS OR OVER)	$16.00
F MILY(spouses and dependents living in same household as full member)	$ 4.00 per person
SOCIATE(interested persons not licensed as an amateur--has no vote)	$20.00
UDENT(available to Full or Associate up to age 25 attending school full time)	$10.00
FE(available to Full or Associate or Family members--dues are 20 times the appropriate membership fee--see bylaws for further payment options)	$400.00(full or associate) $80.00(per family member)

Send completed form with payment to Radio Club of Tacoma P.O. Box 11188 coma WA 98411-0188 or bring to any meeting and give to the club Treasurer.

LEASE TURN OVER AND FILL IN REMAINING INFORMATION!!!!!

▯My interests include:
(Please indicate your level of interest for each activity listed according to the following scale)

1. I am active in this activity.
2. I have been active, but am not now.
3. I am not familiar with this.
4. I wish to learn more about this activity.
5. I have no interest in this activity.
6. I am willing to teach others about this.

______HF SSB
______HF CW
______HF Mobile
______SSTV
______ATV
______Construction
______QRP
______VHF/UHF SSB
______VHF/UHF CW
______VHF FM Mobile
______UHF FM Mobile
______Antennas
______Traffic Handling
______ARES/RACES
______DX
______Computers
______RTTY
______Facsimile
______Teaching
______Field Day
______Being an Elmer
______Contesting
______Certificates
______Satellites
______VHF/UHF Packet
______HF Packet
______EME (Moonbounce)

Other Interests____

I would be interested in helping on one or more of the following club committees:
(Please check any that you are interested in)

[ ] Packet
[ ] Flea Market
[ ] Field Day
[ ] RFI/TVI
[ ] Bark Mailing
[ ] Repeater
[ ] Teaching/Training
[ ] Antennas
[ ] Scholarship
[ ] Social Activities
[ ] Contest
[ ] Museum
[ ] Computer
[ ] Long Range Planning
[ ] Emergency Communications
[ ] Clubhouse Facilities
[ ] Club HF Station
[ ] WWA Puyallup Fair Booth

Other hobbies, expectations:____

____

Other comments:____

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THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

ADDRESS CORRECTION REQUESTED

NON PROFIT ORG.
U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

COMING EVENTS

NOV 2-3 - ARRL Sweepstakes CW Portion

NOV 2 - Pinochle Potluck - 7 PM for Potluck, 7:30 PM for cards

NOV 5 - Election Day

NOV 6 - Board Meeting - 7:30 PM at the Clubhouse

NOV 12 - License exams at the Clubhouse - 7 PM

NOV 13 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM
Program: <<< TO BE ANNOUNCED >>>

NOV 15 - BARK deadline

NOV 16-17 - ARRL Sweepstakes Phone Portion

NOV 20 - ARES/RACES Meeting - 7 PM - TACID Building

NOV 23-24 - CQ Worldwide CW Contest

NOV 26 - Ladies Pinochle - Noon at the Clubhouse

NOV 27 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM
Program: <<< TO BE ANNOUNCED >>>

NOV 28 - BLESSED THANKSGIVING!

ARRL
SWEEPSTAKES
CW - NOV 2-3
PHONE - NOV 16-17

DEC 1996

12/96

HE LOGGER'S BARK
adio Club of Tacoma, Inc.
O Box 11188
acoma WA 98411

DDRESS CORRECTION REQUESTED

NON PROFIT ORG.
U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

COMING EVENTS

EC 4 - Board Meeting at the Clubhouse - 7:30 PM - All members are welcome.

EC 6 - 8 - ARRL 160-Meter Contest

EC 7 - Pinochle Potluck - 7 PM for Potluck, 7:30 PM for cards

EC 7 - RCT Christmas Party - 6 PM More details inside.

EC 10 - License exams at the Clubhouse - 7 PM

EC 11 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM
Program: <<< TO BE ANNOUNCED >>>

EC 14 -15 - ARRL 10-Meter Contest

EC 15 - BARK deadline

EC 18 - ARES/RACES Meeting - 7 PM - TACID Building

EC 23 - Ladies Pinochle - Noon at the Clubhouse

EC 25 - JOYOUS CHRISTMAS! No Club meeting. See you next year!

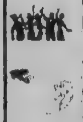
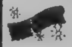
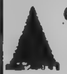
EC 31 - ARRL Straight Key Night

Fill out and turn in the member renewal form!

Joyous Christmas ~ Blessed New Year

December 1996

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1 *ALVIN KA7BRT	**2** 6:00 PM TECH CLASS	**3** **7:30 PM RCT NET 147.28R** *HAL W7EC *PHYLLIS *ROBERT N7TLV	**4** **7:30 PM RCT BOARD MTG** *DUSTIN KC7EFA *JOSEPH KC7FF *THOMAS KB7SW *TOM KK7BS	**5** *LORA KC7JMN *RALPH KB7SWZ *RICH NE7T *ROY K7OGL	**6** *MIKE KB7VNT **HANNUKAH**	**7**  **6:00 PM HOLIDAY PARTY POTLUCK** **7:00 PM RCT CLUBHOUSE PINOCHLE POTLUCK**
8 *CHARLIE KC7DCY *MARGARET KB7WYK	**9** 6:00 PM TECH CLASS *A J KC7OKV	**10** **7:00 PM RCT LICENSE EXAMS** **7:30 PM RCT NET 147.28R**	**11** **7:30 PM RCT GENERAL MTG LIBRARY 112 E & WALLER RD**	**12** *BILL W6TRA *CARL KB7WRC *LEONARD KB7NEM	**13** **FRIDAY 13TH CONTEST**	**14** *BILL KJ7KT **ARRL 10-METER CONTEST**
15 *ED KC7FLR *JACK WA7ENB *MEL N7FIR **ARRL 10-METER CONTEST**	**16** 6:00 PM TECH CLASS *BOB WB7QCS *DANNY KC7CUQ *JERRY W7BUN *KEN KB7UXT *ROBERT KC7PLH	**17** **7:00 PM MVWS VE EXAMS** **7:30 PM RCT NET 147.28R** *DUANE KC7OKP *REX W7NP	**18** **7:00 PM ARES/RACES MTG–TACID BLDG** *DOUG AJ7Y *ROBERT KC8AZ	**19** *GORDON N7TEW *JESSIE KC7QKY *MARILYN KB7PCT	**20** *GLENN KC7IBV	**21**  **Winter begins**
22 *MARK KB7PKD	**23** **12:00 PM CLUBHOUSE LADIES PINOCHLE** *DAVID WB7AUJ	**24** **7:30 PM RCT NET 147.28R**	**25** *JAKE KC7GQC *JOHN(MAC) W7MSR *RIC N7UFB  **Christmas**	**26** *ZAC KC7AZO	**27**	**28** *BILL W7IJ *CHUCK KA7HJN *JACK K7SRU
29 *JAMES KF7FB	**30** *FRANK W7DWW	**31** **7:30 PM RCT NET 147.28R** **ARRL STRAIGHT KEY NIGHT** **New Year's Eve**				

November 1996

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January 1997

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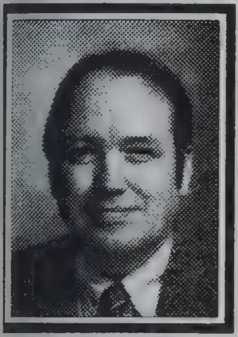
THE LOGGER'S BARK

RADIO CLUB W7DK OF TACOMA

VOL. XXXIII NR. 12 W7DK DECEMBER 1996

FROM THE PRESIDENT



WB7DFQ

I am writing this portion of my article for the December Bark on October 28, 1996, a little over two weeks before the outcome is determined in the election of officers for the Radio Club. I have chosen to write at this time in an effort to avoid any appearance of "Sour Grapes" as a result of the outcome of the election.

Let me begin by saying, that all of the candi-ates are well qualified to hold office and provide eadership to the Radio Club of Tacoma. It troubles me owever, that some have chosen to inject a large uantity of "politics" into the election process. I fear that e use of printed campaign materials in addition to the andidate statements normally provided with the bal-ots, and the use of telephone committees in an attempt influence the vote, sets a dangerous precedent for e Radio Club.

Where will it end? Will we next see multi-color ampaign brochures sent to all members of the Radio lub, funded by $100 a plate campaign dinners? Will e candidate's campaign workers drag you away from e dinner table with a phone call designed to get your vote? How about newspaper ads? Television?!

I know this sounds far fetched, but there is nothing to stop if from occurring. Anyone who wants to run for an office will need to participate in these activities if they want to have any chance of winning, and human nature being what it is they will try to increase their level of exposure in order to win. This can only lead to escalation, with the result that the candidate willing to spend the most money, or who has the hardest working telephone committee will be the winner, rather than the best qualified candidate.

Let's stop it now! How about making it the official policy of the Radio Club that campaign literature will be limited to the candidate's statement provided with the official ballot and that the use of telephone committees will be forbidden? Let me know what you think.

I am now writing after the election and I would like to thank all of you who supported me. I especially want to thank all of you who chose to run for an office. It is nice to see so many who are interested in the club. And above all, "thank you!" to everyone who voted. We had a far better responce, percentage-wise, than the recent national election.

During the campaign, I heard some great ideas expressed on how to move the club forward. Let's all work together and try to implement some of these ideas n the coming year. 73,Mike, WB7DFQ

It's that time! DUES! DUES! DUES!

Dues are in arrears if you have not paid by December 31 of each year. Dues can be mailed to the Radio Club of Tacoma at P O Box 11188, Tacoma, WA 98411 or pay them in person **at any club meeting to the club Treasurer.**

There is a Dues Renewal Form later in this issue of the Bark. All members, Life and Honorary too, renewing their dues, please fill out the form and include with your dues payment so our records can be as up to date as possible. Thank you very much.

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will not forward Third Class Bulk Mail.

GENERAL CLASS WORKSHOP

Starts Dec. 5th

Limited enrollment.

See page 5 for more details.

RADIO CLUB OF TACOMA – 1996

PRESIDENT	MIKE CRAWFORD	WB7DFQ	531-4789
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
SECRETARY	MIKE HORBUL	KI7YB	845-2545
TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
BOARD (5)	RUSSELL FOSTER	KJ7YP	473-6614
	RALPH FULLER	KA7FIG	582-5841
	CHARLES HICKS	WY7V	535-3696
	ALAN HUGHES	KB7SVU	840-4947
	JERRY SELIGMAN	W7BUN	845-7652
LOGGER'S BARK STAFF			
EDITOR	KATHLEEN NACE	N0EYK	862-8635
REPORTERS	SHIRLEY MURPHY	N7QHW	265-3661
	DAVID DODD	WB7AUJ	584-3620
	MIKE CRAWFORD	WB7DFQ	531-4789
	BRIAN SPINDOR	KA7KUZ	769-9297
	DICK RYAN	W7RGD	627 0922
	MIKE TREIT	KB7QOP	549-2399
	JERRY SELIGMAN	W7BUN	845-7652
PHOTOGRAPHER	STAN WARBURTON	N7KMF	535-6015
PROOFREADERS	SALLY CRAWFORD	KB7PKJ	531-4789
	JERRY SELIGMAN	W7BUN	845-7652
COMPOSITOR	KATHLEEN NACE	N0EYK	862-8635
PUBLISHER	W7DK PRESS	N7QHW	265-3661

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CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Modem or mail all articles to Kathleen Nace, N0EYK, 2812 204th Ave.Ct.E., Sumner, WA 98390 or e-mail: kathleen@excell.com. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

***THE LOGGER'S BARK*, OFFICIAL PUBLICATION OF THE RADIO CLUB OF TACOMA, IS PUBLISHED MONTHLY BY W7DK PRESS, PO BOX 11188 TACOMA, WA 98411. THE PUBLICATION IS MAILED FROM TACOMA, WA, 98411 UNDER 3rd CLASS BULK, NON-PROFIT ORGANIZATION, US. POSTAGE PAID TACOMA, WA. PERMIT #1078.**

POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.88 / .28 MHz 144.97 - Packet
147.98 / .38 MHz (pl 103.5) 441.00 - Packet
449.175 / 444.175 MHz KC7DDA

New Members

Chuck Souter, KA7HJN RCT# 192
Joanne Souter, WA4KZQ RCT# 192
21026 Snag Island Dr.
Sumner, WA 98390-8702 206-863-265

Roy Brooks, K7OGL RCT# 192
38908 254th Ave. SE
Enumclaw, WA 98022-8851 360-825-198

Mary Cook, KC7SYW RCT# 192
Christel Cook, no call RCT# 192
821 E Dock St. Slip 1-11
Tacoma, WA 98402-4608 206-272-194

Jim Burns, KC7SYT RCT# 192
Lois Burns, KC7SYU RCT# 193
6006 84th St. E
Puyallup, WA 98371-6346 206-845-725

George Edwards, NL7IA RCT# 193
6908 65th Ave. W
Tacoma, WA 98467-2361 206-588-754

Reinstatements

Chris Cowgill, KJ7KU
8410 Locust Ave. E
Bonney Lake, WA 98390-8547 206-863-115

Address/Phone Changes/Corrections

Dick Huddleston, KB8NPN
Moved and left no forwarding address

Margaret Syverson, KA7RUQ
6819 117th Ave. NE
Kirkland, WA 98033-8451 Phone Unknow

Roy Richards, N7ARO
642 NE Woods Ct.
Bremerton, WA 98311-3067 360-792-970

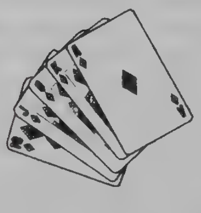
George Noble, KB2SSL
3802 N Washington St.
Tacoma, WA 98407-5729 206-274-865

New Calls

Harvey Bishop, was W6UBX and is now W7RMI
Al Burleson, was KC7DDA and is now K7HW
Jan Twardowski, was KC7QFH, then AB7SD and is now K7JT
Bob Abernethy, was WA7OEU and is now W7BA
Don Olson, was AB7DS and is now W7DON
Frank Billington, was KG7HB and is now W7FJB
Luis Torres, was AA7WE and is now W7QS
Doc Spike Museum is now officially W7OS

Silent Keys

Fayra Armour, N7KUK



PINOCHLE

2 gatherings each month

Pinochle & Potluck - 7PM
1st Saturday of the Month

Ladies Pinochle - 12 Noon
4th Monday of the Month
Both gatherings at the Clubhouse.

The FAIR 1996

TRAFFIC HANDLING TEAM

de Kathleen, NØEYK

A big **THANK YOU** to Phil Dunn, KD7ME, for putting together the traffic handling team that checked in with the booth at the Western Washington Fair twice each day to pick up any radiogram messages we had collected. These hams received the messages via the 147.28 repeater (mostly) from the folks staffing the booth and then transmitted them by voice (and maybe some packet) into the National Traffic System (NTS). This exercises the system and the hams that participate so that when that big emergency happens, the amatuer radio community will know what works and how to respond. Thanks also to the everyday users of the repeater for their patience. I know that some of contacts were long and tedious. Thanks goes to these individuals, for without them, our radiogram messaging program would have been tough to make happen.

THE TEAM:

Del Kohler, W7JG
Harry Price, KB7JQM
Joe Pavia, KD7LJ
Phil Dunn, KD7ME
Al Evens, N7MGQ
Keith McIntire, KB7NVW
Jan Paterson, KK7BH (ex-N7QHU)
Cal Morgan, W7SFT
Russell Foster, KJ7YP

Thanks so much for all your help to make our booth at the FAIR another great success! Hope we can do it again next time!

Thank you!

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(800) 585-8500

AJ7Y

DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409

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N7ARO

Roy Richards
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Bremerton, WA 98311
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E-mail: 2ndbyte@kendaco.telebyte.com

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W7RFM

John E. Hirsch LMP
2124 SW 336th St.
Federal Way, WA 98023
(206) 838-2620

Your Ad Could Be Here!

Call, Shirley, N7QHW
at (206)625-3661 for info.

ARES/RACES

Alan, KB7SVU, Emergency Coordinator for Pierce County and Bob, KB7NBQ, RACES Radio Officer for Pierce County have asked me to share with all of you their new zone organization plan for Pierce County.

Previously the county was divided into 6 zones with some easily defined geographical lines and you were a member of a zone according to your address. The **NEW ZONES** are now aligned with the same geographical areas of coverage as your local fire department. These areas are difficult to define by streets, highways, rivers, etc., so some of the investigative work needs to be done by each person.

N7QHW

ARES and RACES will continue to have 6 zones with each zone having a Zone Manager. Each of these 6 zones will be comprised of 1 or more **Fire Districts**. It is the **number** of your **Fire District** that will be the identifying factor you need to determine in which ARES/RACES Zone you belong.

How do you find out your **Fire District**?

1. Check your Voter Registration card and see if it identifies your Fire District. (Many of them have this information.)
2. Call or stop by your local Fire Station and ask them in which Fire District you are located.

Following is a list of the ARES/RACES zones and the Fire Districts that are included in each of them and a brief locator description. If you are unsure of your zone, don't guess. Use one of the two ways described above to make that determination.

ARES/RACES ZONE	FIRE DISTRICTS	
Zone 1	5, 16, 27	Gig Harbor, Key Peninsula, Anderson Island
Zone 2	2, 3, Ft. Lewis	Lakewood, University Place, Ft. Lewis
Zone 3	13, Tacoma	NE Tacoma, Greater Tacoma area
Zone 4	6, 21, McChord	Puyallup, Orting, Sumner, South Hill, McChord
Zone 5	15, 17, 23	Graham, Eatonville, remaining South areas of Pierce County
Zone 6	1, 8, 11, 12, 14, 18, 20, 22, 24, 25, 26	Bonney Lake, Buckley, NE Pierce County to Yakima

We will need to have all members of ARES/RACES notify us of your **Fire District Number** so we can update the information on the membership rosters. If you know your Fire District number, simply gi it to the person doing the Pierce Coun Net on Tuesdays at 7:00 PM on th 145.37Mhz repeater. If you cannot che into the net, call Alan, KB7SVU, at 20 840-4947 or Bob, KB7NBQ, at 206-87 0577. If all else fails, come to a ARE RACES meeting (listen to the net for date location and time) and look at the great County ma that Alan and Bob have done and find your locatio Questions will be handled by Alan or Bob also.

DISASTER PREPAREDNESS

Since we had the above information to share wi you, I will do Earthquake information next month ar do a little shorter one this month on Winter Storm and Extreme Cold from the brochure on ***Fami Emergency Preparedness Plan*** developed b Group Health Cooperative of Puget Sound, America Red Cross and the Washington State Communit Trade and Economic Development Emergency Management Services.

The most important concept in developing family emergency preparedness plan is communicatio Every member of the family needs to be involved so th when disaster strikes, everyone will know what to d How well you manage the aftermath of disaster depend a great deal on your level of preparedness when disaste strikes.

WINTER STORMS/EXTREME COLD

Getting Prepared

- Know the terms used by weather forecasters.
- Consider purchasing a battery-powered NOA weather radio and stock extra batteries.
- Keep rock salt to melt ice on walkways and san to improve traction.
- Make sure you have sufficient heating fuel.
- Make sure you have an alternate heat sourc and a supply of fuel.
- Install storm windows or cover windows with plastic.
- Insulate walls and attics.
- Caulk and weatherstrip doors and windows.
- Keep your car winterized with antifreeze. Us snow tires.

During a Winter Storm

- Listen to the radio or television for weather reports and emergency information.
- Wear several layers of loose-fitting, light-weigh warm clothing rather than one layer of heav clothing.
- Wear mittens instead of gloves.
- Wear a hat--most body heat is lost through th top of the head.
- Avoid overexertion.
- Watch for signs of frostbite. If symptoms ar detected, get medical help immediately.
- Conserve fuel if necessary by keeping you house cooler than normal.

Continued next page

- Refuel kerosene heaters outside and keep them at least three feet from flammable objects.
- If you must travel, consider using public transportation.

aught in your car during a blizzard

- Pull off the highway and set your hazard lights to flash. Hang a distress flag from the radio antenna.
- Run the engine and heater about ten minutes each hour to keep warm. While the engine is running, slightly open a window and keep the exhaust pipe free of snow.
- Exercise lightly to maintain body heat. Huddle with passengers to stay warm.
- Take turns sleeping.
- Be careful not to run the car battery down.
- If stranded in a remote rural or wilderness area, spread a large cloth over the snow to attract attention of rescue personnel.
- Once the blizzard passes, you may need to leave the car and proceed on foot.

There are still openings for management positions. You don't need to be experienced before accepting a management position because there are people available and willing to help in any way they can. If you can help, contact **Alan Hughes, KB7SVU, Pierce County Emergency Coordinator at 206-840-4947 or Bob Tilley, KB7NBQ, Pierce County RACES Radio Officer at 206-875-0577.** They need your help **NOW,** so give them a call.

If you have not joined ARES/RACES and would like to, contact Alan or Bob or see Shirley, N7QHW, at any Radio Club meeting for an application.

Coming next month--some words on earthquake preparation.

73, Shirley, N7QHW

BE READY!

## ✸ FROM THE BARK 20 YEARS AGO ✸

APRIL 1976

de W7BUN

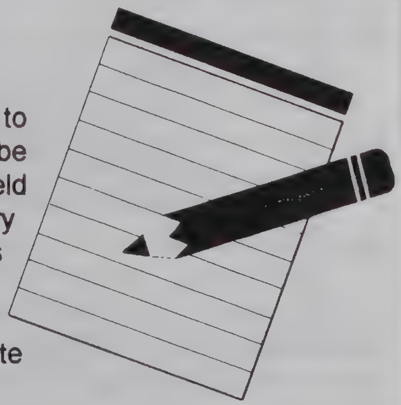
This has been a successful year for the club. We had our first fire works stand, the repeater went on the ir, and the membership has increased greatly. The club has sponsored Novice, General, and Advanced theory asses, and we've celebrated our 60th anniversary. Hamfair was a big success, with a record number of gistrations.

The Radio Club of Tacoma is a sponsor for Christmas House, collecting toys, clothing, etc. for Christmas ouse which will brighten the lives of many children and parents throughout the Christmas season. A Christmas otluck dinner is planned for December. The Women's Auxiliary is baking cookies for Remann Hall for hanksgiving and Christmas. The Amateur Radio Emergency Corps (now ARES) participated in searches for a st hunter near Mt. Rainier, and an elderly woman who wandered away from a nursing home in freezing mperatures.

The Board of Directors recommended a dues increase for 1977. A security alarm system will be installed t the clubhouse in the near future. A petition to the FCC requests Technician Class privileges on 10 meters and ther Novice sub-bands. The Soviet Union's pulse-type interference (known as the "Woodpecker") that has been terfering with radio reception between 7 and 21 MHz was supposed to cease in November, but was heard again. any countries have sent telegrams to the Soviet Union, and the ITU has filed a formal protest.

GENERAL CLASS WORKSHOP

GET THAT UPGRADE ON THE ROAD!



The General Class theory workshop starts Thursday, Dec. 5th, 6:30 PM to 8:30 PM, and will continue Dec. 12th, Dec. 26th, ending Jan. 2nd. There will be testing on the General theory portion at the last session. The workshop will be held at the home of Jerry, W7BUN. The class size is limited, so make that call to Jerry today to reserve your spot! You will need a calculator, the ARRL General Class Licence Manual (available from Bill Shimmin, W7GBC, at club meetings or call him at 584-1086), and a loose-leaf binder with blank sheets for class. A small tape recorder is also handy. **Call Jerry, W7BUN, at 845-7652**, to make that date with the beginning of your upgrade!

Amateur Radio Exams

in the Puget Sound Region as of May, 1996

1st Tuesday - 7 PM - **Puyallup** Fire Station, 128th St. one block west of Meridian, Puyallup - Contact Mike Horbul, KI7YB, 845-2545.

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, **Kent** - Contact Burt Mendez, KB7ZCW, 824-2785, Seattle

2nd Tuesday - 6:30 PM - **Everett** - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clubhouse - Contact Shirley Murphy, N7QHW, 265-3661

2nd & 4th Thursdays - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - **Auburn** - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave - next session - September 21 - Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

◊ News from the ARRL ◊

de Jerry, W7BUN

W7BUN

After an approximately 6-week wait, the FCC released over 4500 first day vanity call signs. The FCC's long waiting period was due to computer problems at the Commission. Applicants can check for their new call signs via the ARRL-Web page at http://www.arrl.org/fcc/fccld.html. Among interesting vanity call signs issued is NU1AW, the International Amateur Rad Union (IARU) Club Station. The ARRL intends NU1A to be a "permanent special-event station," operating events that call attention to the contributions of th IARU to organized Amateur Radio. The FCC said wanted to see how the day-one processing fare before it attempts to process vanity call sign applica tions for subsequent days. The FCC has not a nounced opening dates for vanity Gates 3 and 4.

Another space agency is eyeing the 70-c Amateur Radio band for a satellite-carried Synthet Aperture Radar (SAR) system, but the ARRL is wor ing to ensure that Amateur interests are taken in account as the process moves forward. In addition, th Netherlands and Japan want to use the 430-440 MH band for SARs to scan tropical rain forests and dese sand. The high-power flux density at the Earth's su face could interfere with amateur operations.

Interfering with police radios has resulted in four-month jail term for KE6VNU, a Sacramento, Ca fornia, area ham who now lists a Mead, Washingto address. He had been identifying himself as "Th Phantom" while interfering with police calls. He wa ordered to serve 120 days in jail, and pay more tha $1400.00 in fines. He was additionally ordered to sta away from radio equipment, and he left the courtroo in tears.

Effective January 1, 1997, the fee for ARRL

Continued on next pag

Radio Club of Tacoma License Exams

DECEMBER 10, 1996

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo I pen, pencil/eraser, calculator, and a check made out t ARRL/VEC for $6.05. For information call:

Shirley Murphy, N7QHW at (206)265-3661

Outgoing QSL Service will be $4.00 per pound or any portion of a pound. The fee will remain at $1.00 for ten cards or fewer.

Mike Siegel, WB2FCP, in Staten Island, New York, reports that his daughter, Debra, N2SIJ, passed her extra class test two weeks before turning 10. This is one of the youngest extra class hams to be licensed.

Newsman Walter Cronkite, KB2GSD, celebrated his 80th birthday November 4th. Cronkite holds a Novice class ticket.

At the ARRL Board of Directors meeting, October 24-26, the subject of running at a deficit due to increased costs of the Washington, DC operations, including the hiring of a new person for Washington, results in a $1 million dollar shortfall. The League has made cuts to make up about half a million of the shortfall. Regrettably, the Board felt it will be necessary to increase dues. An increase of $3.00 will take effect July 1, 1997. There will be no increase for family, youth, or blind members. The Board resolved to petition the FCC to ask for authorization of the upper 200 khz of the 40-meter band in other ITU regions at the World Radio Conference 99 (WRC99).

As reported earlier, the FCC requires amateurs to be in compliance with the RF Exposure Report and Order by Jan. 1, 1997. The ARRL feels the FCC's compliance guide is unsatisfactory as written. In light of these matters, the ARRL staff is seeking an extension of the compliance date to Jan. 1, 1998.

The Industry Advisory Council of the ARRL is recommending that HF digital privileges be extended to Novice and Technician Plus licensees. Their major motivation is to seek a wider market for their products, particularly during this period of economic depression in Amateur related equipment, etc. The plus side to this proposal is to allow more activity in the Novice and Technician bands, which may help make these areas of spectrum less desirable to other radio services. The CW "digital" portions of these bands are not highly populated. There have been at least two requests for spectrum in the 3-30 MHz range by commercial interests.

The Radio Society of Great Britain (RSGB) is extremely concerned about the future of the Amateur Service. The spectrum currently allocated to the Amateur Service is under great pressure from commercial interests, particularly above 30 MHz, due to the rapid expansion of consumer electronics. The RSGB feels a high standard of technical knowledge, and interest in experimenting in radio communications, are essential to justify retaining our existing privileges. While there may be various classes of amateur licences, and specialist interests in different aspects of radio communications, the nature of these operations must justify the privileges used. The future of the Amateur Service can only be ensured if high standards of technical knowledge and operating are maintained, and it's activities are not seen to compete with other commercial radio services.

Because of a precipitous drop in use by ARRL members, the ARRL has closed it's accounts on GEnie and Prodigy. The ARRL services are still available via ARRLWeb, InfoServer, CompuServe, and America On Line.

Bob Mauro, KZ2G, has started a Monday net for Internet hams with disabilities. Check in on 14.265 MHz, Mondays at 1830 UTC, or contact him via e-mail at Mauro@chelsea.ios.com.

Robin Steward, N7NHF, is maintaining the ARRL Northwestern Division homepage. Those sending material (pictures from club activities, Section personnel lists, etc.) please use his home e-mail address, n7nhf@srv.net.

The ARRL Educational Activities Department (EAD) has a new booklet available, called the "ARRL Scout Handbook", for use with Boy Scouts and Girl Scouts. It's about Scouting and Amateur Radio and includes information about the Jamboree On The Air (JOTA), the Boy Scout's merit badge, and a proposal for a Girl Scout patch program, and more. To receive a copy, send a self-addressed stamped envelope (8.5" X 11") with 78 cents postage to ARRL-EAD, 225 Main St., Newington, CT 06111.

LIFE MEMBER

Phone Sweepstakes 1996

de Mike, KB7QOP

The weekend of the November ARRL SSB Sweepstakes has come and gone, and with it, that dedicated cadre of amateurs responsible for putting W7DK on the air came through with yet another inspiring performance that will not soon be forgotten. The Radio Club of Tacoma's finest showed up for a weekend of contesting fun and left their own distinctive mark on this annual event.

Anyone who has followed this club's operating activities knows that the inevitable results of our efforts are success, brought on by teamwork, persistence and dedication that I think few groups could match. This weekend was no different. Despite frustratingly difficult conditions at times, the W7DK crew worked hard to pull out an impressive score of which we should all be proud.

The contest opened at 1300 local time, with Lorna, KB7YTJ, putting in a remarkable performance that resulted in 54 15-meter contacts in just under an hour. That first hour rush got us off to a great start, but it was soon obvious that conditions were not going to keep us moving at such a frantic pace.

In the next hour Eric, N7EPD, kept things rolling on 15 meters by racking up an additional 31 contacts, along with plenty of extra multipliers to boost our score. Towards the end, however, 15 meters started to drop out and by the third hour it was obvious that we would have to change bands. Plunging into the chaotic mass of fanatical high-power contesters on 20 Meters was Judy, AJ7R, who valiantly fought the QRM and crowded conditions to hunt and pounce another dozen contacts and some helpful multipliers.

As the afternoon faded away and the evening hours settled in, Shirley, N7QHW, rounded out our work on 20 meters by accumulating another 20 contacts and some more multipliers. If anyone has ever tried to hunt and pounce with 100 Watts on 20 meters during Sweepstakes, they know it can be a long and frustrating experience. Judy and Shirley deserve special thanks for fighting through the rough conditions to give us some badly needed contacts.

With the arrival of the cold, wet Saturday night, we saw the crowded battlefield of 20 meters slowly dissipate into a state of quiet, with only a few fading stations left to try to hammer our a few more contacts. Abandoning the tri-bander, we switched over to the 80/40-meter dipole to try our hand on 40 meters. I called that dipole many things over the next several hours, none of which I will repeat here. It will suffice to say that its performance was less than admirable and without the patience and tenacity of the assembled operators, we might have ended up with a poor result.

KB7QOP

Over the course of the next several hours, Owen, KB7UXP, Val, N7VGO, Dan, N7QWH, and myself waded through the morass of signals to eke out a other 64 contacts on the low bands. The going wa slow and at times exceedingly frustrating, but the acc mulated results certainly helped our final score in th end. Dan, N7QWH, deserves special credit for puttir together the biggest run over those long hours, comp ing 16 contacts in the space of an hour. I would als like to thank Harry, N7DOE, Harold, KA7MZA, ar Jerry, N7MUN, for arriving to provide much neede encouragement. Harry even took the time to give son pointers and demonstrate his refined contesting tec nique, which is something you have to see to appre ate.

The final hours of the first night eventua came, and went, with Dan and Owen valiantly finishir off a long day of hard contesting. Ron, KA7UQV, ai Worth, W7WG, also arrived to see how things we going and offer encouragement. Worth stayed arour to operate the Antique Wireless station for a few hou in the early morning while I crashed on the floor of th radio room. In the first 10 hours of the contest, we ha made 180 contacts and worked numerous multipliers give us a rough but workable start.

I awoke the next morning after a few fitful hou of sleep and fired up the radio by 0530. Four hours straight operation produced some good results, wi both 20 and 15 meters again providing solid condition My first contact of the morning was with the power W7RM, Rush Drake's contest station down in Cla County. Owen, KB7UXP, returned in the late mornir and proceeded to hammer away, making 51 contac in under 2 hours. Lorna, KB7YTJ, also arrived in tin to make another impressive run and add over 40 ne contacts to our score.

Judy, AJ7R, showed up later in the afternoo bringing with her some much appreciated food. Sh also put in another hour at the radio, searching out th rare contact that was not a duplicate and adding mo points to our growing score. She was assisted by ne club member John, W7RFM, who had his first expe ence with contesting and put in a very good effort bo logging and operating.

Owen and I put in some more time on the fading 20-meter band, scratching out a contact here and there. Owen managed to contact the Maritime and Puerto Rico sections, giving us badly needed multipliers that we thought we would not get. I will not soon forget him shouting, "W7DK," over and over into the microphone, trying to get the attention of distant operators through the noise. Persistence, as it turns out, definitely pays off.

Val, N7VGO, and Sue, KC7AVS, arrived in time to finish the contest in style. Diving once again into the murky depths of the 40 and 80-meter bands, their efforts produced the final contacts of the day that capped our score and brought a weekend of fun and exciting contesting to a fitting close.

The final results of our contest operations were as follows: we made a total of 447 contacts, with 72 multipliers and no duplicates. This combined to give us a final score of 64,368 points.

Those who had the opportunity to participate in he November Sweepstakes were treated to a fun-filled event that was more than worth the occasional eadaches and frustrations brought on by the crowded onditions, and the poor results from our low-band antenna system. For all of you who did not get a chance o come by, you missed a great event and I hope you will be there next time! I am a firm believer that the Radio Club of Tacoma exists to provide its members ust the sort of fun and excitement that resulted from his contest weekend. Start getting involved in Club activities and you'll see that W7DK means more than occasional meetings and a monthly newsletter. Give it a ry!

Antique Wireless Call Sign W7OS

The Antique Radio Station, with the vanity call **W7OS,** assigned to the Radio Club of Tacoma Museum, is on the air. It's first contact as W7OS was made on 20 meter CW with JA1NUT in Mosaka, Japan. The transmitter consists of a tube type 59 OSC, 210 buffer multiplier into an 802 amplifier. The equipment has been made operable by the teamwork of Mac Parks, W6NBD, Worth Gurley, W7WG, Morel Guyot, W6LIX, and Brian Spindor, KA7KUZ.

There is going to be an Antique Radio Contest or 2 weekends in early December. Exact times and dates are not known at this time. **All old-time CW operators, please call Mac, W6NBD, at 206-858-468 for details. There will also be announcements on the Radio Club Net held each Tuesday at 7:30 M on the 147.28 repeater.**

73, Mac, W6NBD

IT'S A PARTY!!

The W7DK Christmas gathering will be held at the TACID Building, 6315 S. 19th St., on:

Saturday, Dec. 7, 1996
Potluck starting at
6 PM

Mark your calendars NOW! The AROWS will be holding drawings for a number of prizes during the evening. Marilyn, KJ7BN, has asked that we bring hot dishes or salads. If desert is your thing or you have other questions, please call her at 845-8346 to coordinate.Come and join the fun!

Editor's Notes

de NØEYK

And another month has gone by! Seems like it was only last week that I was in this chair, at this keyboard, working on the November BARK!

I hope that all of you had a good Thanksgiving and are looking forward to the rest of the holiday season. We are really glad to have Jerry, W7BUN, back from his hospital stay, and active, even on a limited basis.

W7DK had a busy Nov., participating in both CW and phone Sweepstakes. Great job, folks! Let's keep active on HF and 'elmer' some of our techs to upgrade! Sign up for the workshop at Jerry's! HF can expand your horizons! Look for coming HF events in which to participate.

Mary Lewis, W7QGP, Affiliated Club Coordinator, mentioned that donations to to the ARRL Legal Fund are tax deductable.

May you each have a blessed Christmas! See you in the new year. 73, Kathleen

MINUTES

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING MINUTES
OCTOBER 23, 1996

The Radio Club of Tacoma meeting was called to order at 7:30 PM by President Mike Crawford, WB7DFQ. A quorum was present. Mary Cook is now KC7SYW. She was very proud of her new amateur license. Congratulations!

TREASURER : Shirley, N7QHW, Treasurer, reported we had 468 paid members.

HEALTH AND WELFARE: Mike, WB7DFQ, sadly reported the passing of Ken Anderson, WB7QNT. After reading his obituary , we observed a moment of silence. He is survived by his wife Eva, WB7QNS, who we have heard often as the net controller during most emergencies and practices, and talk-in station for the Flea Markets..

Jerry, W7BUN, is back from the hospital we wish him a speedy recover. Alan, N7EAY, was at the meeting still mending from his broken arm.

PROGRAM: Bill, W7GBC, our program chairman, introduced our guest speaker Dave Dobbins, WH6YC, the greater Northwest Automatic Packet Reporting System (APRS) coordinator. Dave gave an in-depth presentation on the APRS including a demonstration of a unit he brought with him. APRS is the encoding of a position in a packet signal. The position can be entered manually or automatically using a Global Positioning System (GPS). If a GPS is coupled to a packet station and the APRS software is running, you have a real-time positional reporting system which can be tracked by other APRS stations. These systems have been used in autos, trucks, boats, and rockets. The software is available as shareware on the Internet.

NOMINATING COMMITTEE: Tom, N7QHX, committee chairman, reported 117 ballots received.

BARK: Kathleen, N0EYK, reported the Nov. Bark is ready to go the printers and that the Bark Party will be on Wednesday the 30th at 10 AM. The deadline for articles is the 15th.

FENCE: Bill, W7GBC, reported that the fence for the parking lot at the clubhouse has been installed.

CHRISTMAS PARTY: Marilyn, KJ7BN, is coordinating the Christmas Party which will be at the TACID Building in Tacoma on December 7 starting at 7 PM. It will be a potluck. AROWS is sponsoring a raffle with the grand prize being a two meter HT. Tickets will be on sale at November meetings.

CLUBHOUSE: Brian, KA7KUZ, talked about the November ARRL Sweepstakes contests that are coming up. He passed around signup sheets to schedule operators at the clubhouse. All license classes are welcome to participate at the clubhouse because control operators will be available. He also reported that the Jamboree On The Air (JOTA) scout event went well the last weekend at
clubhouse with the scouts helping to eat RCT's 8
birthday cake on Sunday. The final points for the Wa
ington State QSO Party (Salmon Run) was calculated
231,000 which should be a contender for a top score.

TUNING & TRAFFIC: Roger, K7AYC, provided an Int
net address as an example of what RCT could emul
for a website. The address is http://www.seark.r
~w8ecl/k5htb.html .

GOOD OF THE ORDER: Marilyn, KJ7BN, asked for
guests to please stand and introduce themselves.
had 9 visitors.

ADJOURNMENT: The meeting was adjourned at 8
PM.

Attendance: 54

Respectfully submitted,
Mike Horbul, KI7YB, Secretary
Radio Club of Tacoma

CHRISTMAS POTLUCK!

RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
NOVEMBER 6, 1996

The Radio Club of Tacoma Board of Directors meet
was called to order at 7:30 PM by President Mike Cra
ford, WB7DFQ. Eight board members and seven gue
were present, representing a quorum. Jerry, W7B
was absent.

SECRETARY'S REPORT & CORRESPONDENCE: M
utes of the last board meeting were approved as prin
in the Bark. We received a thank you note from E
WB7QNS, and a letter from Tom, N7QHX, informing
that the clubhouse property tax reduction hearing will
on the 16th of this month. Mike, WB7DFQ, read a le
from an east coast ham who also spoke of the down t
in sales and attendance at hamfests.

TREASURER'S REPORT:

GENERAL FUND CHECKING	$1,061.23
REPEATER FUND CHECKING	571.51
PACKET FUND CHECKING	500.00
FLEA MARKET CHECKING	500.00
MONEY MARKET SAVINGS	14,817.68
SCHOLARSHIP WORKING FUND	600.00
SCHOLARSHIP MEMORIAL FUND	2,759.73
CASH on HAND	5.10
TOTAL ALL ACCOUNTS	$21,415.25

We have 471 1996 members.

MEMBERSHIP, TRAINING & FENCE: Bill, W7GBC,
ported the Novice/No-Code Technician class was test
the Novice portion on Monday. He is still trying to
together an intensive 2 day Technitian licence class
January. The parking lot fence is installed and the
paid. The key for the lock will be located in the front e

way.

BARK: Kathleen, NØEYK, announced the deadline for articles is the 15th.

INTERNET: Mike, WB7DFQ, and Rob, K7TGU, have set up a club information web site on Rob's Internet account. The location is http://www.mashell.com/~roblee/rct.htm

OLD BUSINESS: Mike, KI7YB, has contacted the executors of the estate of Bill Antes, KA7IQQ. They will allow nspection of the equipment within the next couple of weeks. Alan, KB7SVU, will check on roofing costs for the garage roof.

NEW BUSINESS: Ralph, KA7FIG, made a motion with Alan, KB7SVU, second, that the following resolution be made. "Be it resolved that the Radio Club of Tacoma hereby designates this facility as the Jerry Seligman Amateur Radio Station." The motion passed. A committee consisting of Ralph, KA7FIG, Tom, N7QHX, Bill, W7GBC and Al, KC7DDA, will have the appropriate plague and certificates made.

Mike, WB7DFQ, discussed what he felt the policy for the secure room in the garage should be and that the board should designate a limited numbers of keys to the room. Alan, KB7SVU, moved that the keys be assigned in January by the Board and a limit of 4 keys will be made. Shirley, N7QWH, seconded the motion. It passed.

Shirley N7QWH, reported the equipment insurance premimum was due and was concerned that the equipment was valued too low. Discussion followed which resulted in he opinion that the bill should be paid and we would address the issue in the future. Shirley also requested nput for next year's budget. Ralph was designated to pursue information for club jackets and paraphernalia for club members.

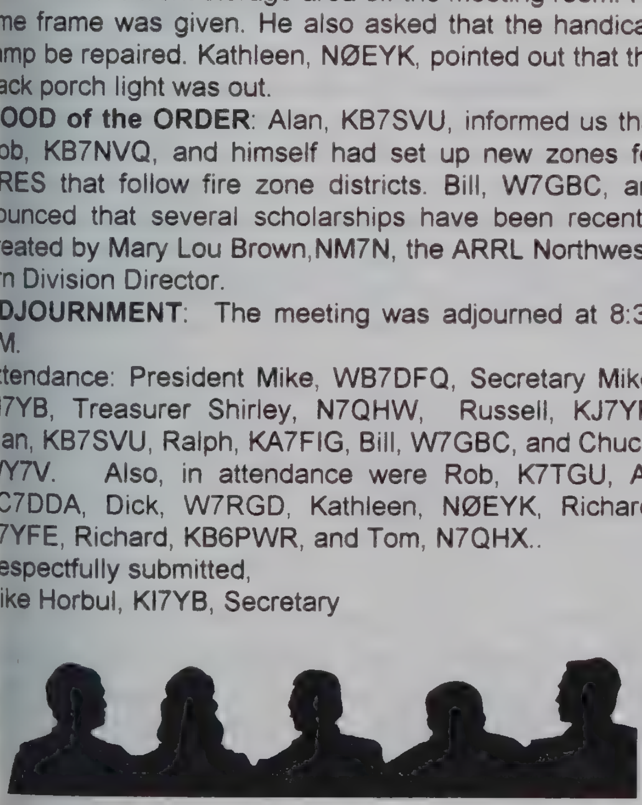
Russell, KJ7YP, inquired about relocating the packet station to the front storage area off the meeting room. No ime frame was given. He also asked that the handicap amp be repaired. Kathleen, NØEYK, pointed out that the back porch light was out.

GOOD of the ORDER: Alan, KB7SVU, informed us that Bob, KB7NVQ, and himself had set up new zones for ARES that follow fire zone districts. Bill, W7GBC, announced that several scholarships have been recently created by Mary Lou Brown,NM7N, the ARRL Northwestern Division Director.

ADJOURNMENT: The meeting was adjourned at 8:30 PM.

Attendance: President Mike, WB7DFQ, Secretary Mike, KI7YB, Treasurer Shirley, N7QHW, Russell, KJ7YP, Alan, KB7SVU, Ralph, KA7FIG, Bill, W7GBC, and Chuck, WY7V. Also, in attendance were Rob, K7TGU, Al, KC7DDA, Dick, W7RGD, Kathleen, NØEYK, Richard, N7YFE, Richard, KB6PWR, and Tom, N7QHX..

Respectfully submitted,
Mike Horbul, KI7YB, Secretary



RADIO CLUB OF TACOMA, INC.
REGULAR MEETING MINUTES
NOVEMBER 13, 1996

The Radio Club of Tacoma meeting was called to order at 7:30 PM by Vice President Bill Shimmin, W7GBC. A quorum was present. Jack, W7IMW, met the challenge and passed his upgrade for the Advanced Class Licence. Congratulations also to the others who upgraded but, did not identify themselves in the attendance log.

CORRESPONDENCE: We received a thank you note from Eva, WB7QNS, thanking the Club for the support following the loss of her husband, Ken, WB7QNT. We also received a thank you letter from the Kitsap Radio Club thanking the members of the club for bringing over the antique radios for demonstration at their hamfest. Members participating were Mac, W6NBD, Morel, W6LIX, Worth, W7WG, and for transportation, pack mule Brian, KA7KUZ.

TREASURER : The report from Shirley, N7QHW, Treasurer, indicated 473 paid members for 1996.

HEALTH AND WELFARE: Jerry, W7BUN/N7PP, was in attendance but is still recovering from his recent hospital stay. John, KC7QFF, reported that his brother Chuck, WY7V, one of our board members, was in the hospital for surgery. Stan, N7KMF, informed us that Bud, N7HKS, was back on his feet and feeling better.

PROGRAM: Bill, W7GBC, our program chairman, introduced our program with a lead in from Worth, W7WG, of a program he had taped from the PBS network on the early pioneers of radio. These inventors and entrepreneurs were Lee DeForest, Major Armstrong, and David Sarnoff.

NOMINATING COMMITTEE: Tom, N7QHX, committee chairman, brought the results from the ballot counting which was read by the secretary Mike, KI7YB. The ballot results were: President Mike Crawford, WB7DFQ, Vice President Bill Shimmin, W7GBC, Secretary Carl Glimpse, N7UDP, Treasurer Shirley Murphy, N7QHW, Board Members Mike Compton, KB7ZDR, Russell Foster, KJ7YP, Alan Hughes, KB7SVU, Dan Kelly, N7QWH, and Jerry Seligman W7BUN. Thanks go to the ballot counters Al, KC7DDA, Jean, KB7SVX, and Rob, K7TGU.

NEW VANITY CALLS: It seems that everybody is sporting new call signs these days including our own antique wireless station located in the Doc Spike museum. Mac, W6NBD, says they have already made the first contact with JA1NUT in Mosaka, Japan ,using the newly-assigned W7OS call sign, which was Doc Spike's call sign. Other winners of the vanity call sign lottery Don Olson, W7DON (ex-AB7DS), Frank Billington ,W7FJB (ex-KG7HB}, Al Burleson, K7HW (ex-KC7DDA), Bob Abernathy, W7BA (ex-WA7OEU), and Luis Torres W7QS, (ex-AA7WE).

ARES: Alan, KB7SVU ,reported a change in the zones which have been realigned to coincide better with the fire districts. For more information, please listen in on the ARES Net at 7 PM on the 145.37 repeater or contact Bob Tilley or Alan Hughes.

CHRISTMAS PARTY: Marilyn, KJ7BN, talked about the

Christmas Party which will be at the TACID Building in Tacoma on December 7 starting at 6 PM. It will be a potluck.

AROWS is sponsoring a special raffle with the grand prize an ICOM T22A 2-meter handheld. Tickets will be on sale for the raffle at the November meetings.

BARK: Kathleen, N0EYK, reported the Dec. Bark deadline for articles is the 15th.

INTERNET WEBSITE: The address for the RCT website is http:// www.mashell.com/~roblee/rct.htm Site manager is Rob, K7TGU. If you like it, tell him. If you have ideas about improvements or additions, let him know. He wants your ideas..

CLUBHOUSE: Brian, KA7KUZ, talked about the November ARRL Sweepstakes contest starting Saturday noon at the clubhouse, to 7 PM on Sunday.

GOOD OF THE ORDER: If interested in club jackets, please think about a new jacket for Christmas. A committee was formed with Ralph, KA7FIG, Shirley, N7QWH, Tressie, KC7BAL, Marilyn, KJ7BN, and Ray, KJ7SM.

ANNOUNCEMENT: Mike, WB7DFQ, announced the board resolution that the Radio Club of Tacoma has designated the club's radio room the "Jerry Seligman Amateur Radio Station."

TUNING & TRAFFIC: Don, K7QLC, recently made contact with KH7OAC who is Len Kaufer on Mariana Island. Len sends his regards to his friends at the Radio Club of Tacoma. Marilyn, KJ7BN, reported a recent contact with the Island of Guernsey.

CERTIFICATES: New member certificates were given to Joanne Souter, WA4KZQ, and Chuck Souter, KA7HJN. There was also a certificate for Roy Brooks, K7OGL.

ADJOURNMENT: The meeting was adjourned at 9:00 PM.

Attendance: 78

Respectfully submitted,
Mike Horbul, KI7YB, Secretary
Radio Club of Tacoma

RADIO CLUB OF TACOMA

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K

ARRL
RADIO CLUB OF TACOMA
W7DK

SCHOLARSHIP

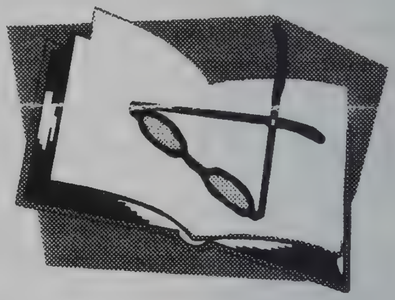
The ARRL Foundation has a number of scholars available to hams. Some of the scholarships which available to FCC-area 7 hams are:

ARRL Scholarship Honoring Barry Goldwater, K7UGA

1 given per year, in the amount of $5000. A recip must be at least a Novice, and be working towa Baccalaureate or higher course of study at a regior accredited institution.

MARY LOU BROWN SCHOLARSHIP

Several are given per year in the amount of $2500. recipient must be a General or higher and a resider the ARRL Northwestern Division (AK, ID, MT, OR WA). This is for a Baccalaureate or higher cours study with a GPA of 3.0 or above. Recipients m demonstrate interest in promoting the Amateur Ra Service.



The Nemal Electronics Scholarship

1 given per year in the amount of $500. Recipie must be General Class or higher, working toward Baccalaureate or higher course of study in electron communications, or related fields. Preference will given to students with 3.0 GPA or higher. Stude must write a brief letter explaining his or her ba ground and future plans.

Deadline for Foundation Scholarship applications is Feb. 1. For further information write:

The ARRL Foundation, Inc. Scholarship Progra
225 Main Street
Newington, CT 06111

This information was supplied by Bill Shimr W7GBC. It was taken from the Clark County Ama Radio Club Newsletter, November, 1996.

1/97

JAN
1997

HE LOGGER'S BARK
adio Club of Tacoma, Inc.
O Box 11188
acoma WA 98411

DDRESS CORRECTION REQUESTED

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COMING EVENTS

JAN 1 - **HAPPY NEW YEAR!** ARRL Straight Key Night

JAN 2 - Board Meeting at the Clubhouse - 7:30 PM - All members are welcome.

JAN 3 - 5 - ARRL RTTY Roundup

JAN 4 - Pinochle Potluck - 7 PM for Potluck, 7:30 PM for cards

JAN 8 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM
Program: SHOW AND TELL - Bring your construction project.

JAN 14 - License Exams - 7 PM - at the Clubhouse

JAN 15 - BARK deadline

JAN 18 - 20 - ARRL VHF Sweepstakes (More info. page 106, Dec. **QST**)

JAN 22 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM
Program: Tower and Antenna Structure Permits, Alan Allen, N7EAY

JAN 24 - 26 - CQ World Wide 160-Meter DX Contest

Jan 27 - Ladies Pinochle - Noon at the Clubhouse

EVERYONE!
Fill out and turn in the member renewal form!

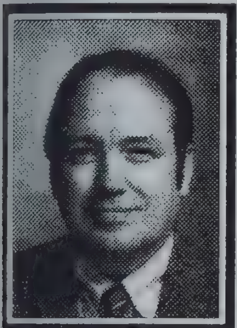
Blessed and Happy New Year
with an upturn in sun spot activity!

THE LOGGER'S BARK

RADIO CLUB W7DK OF TACOMA

VOL. XXXIV NR. 1 W7DK JANUARY 1997

FROM THE PRESIDENT



WB7DFQ

Now that Christmas is over, I hope that Santa brought you all of the Ham goodies you wanted. If he didn't, I have a solution for you. Starting in February, we are going to begin sponsoring construction projects at the clubhouse. We will be building things like VHF/UHF antennas, power supplies, and station accessories. These projects will each the basic skills necessary to successfully build seful amateur radio equipment, yet they will make use f low cost materials and be easy to construct. Every-ne is encouraged to participate. So if you are new to e activity and want to learn, here is a great opportunity o do so. If you are an old timer, here is a chance to ass on some of your knowledge. All of the details haven't been worked out yet so watch the Bark and check into the Tuesday night net for updates.

With the start of the New Year, I am again looking for volunteers to serve as chairmen for the various club committees. If you would like to serve, please let me know. Remember this is your club and if you don't help get it done, it won't get done.

Recently, I received a letter which contained some very good suggestions about ways to improve the club. There was only one problem! The writer of this letter chose to remain anonymous. If the writer would care to identify his/herself, I would like to discuss some of the recommendations with you further.

I hope that the New Year brings you and your family prosperity along with lots of great DX.

73...Mike...WB7DFQ

DUES ARE IN ARREARS !!!!

Dues are in arrears if you have not paid by December 31 of each year. Dues can be mailed to the **Radio Club of Tacoma at P O Box 11188, Tacoma, WA 98411** or pay them in person **at any club meeting to the club Treasurer**.

There is a Dues Renewal Form later in this issue of the Bark. All members renewing their dues, please fill out the form and include with your dues payment so our records can be as up to date as possible. Thank you very much.

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will not forward Third Class Bulk Mail.

ATTENTION LIFE AND HONORARY MEMBERS: Please fill out dues renewal notice(both sides) and send in to assure all our information is up to date

NO-CODE TECHNICIAN AMATEUR RADIO LICENSE CLASS

2 DAYS ONLY!

January 11th and 12th, 1997

"Concentrated"

See page 4 for more details.

Register NOW!

RADIO CLUB OF TACOMA – 1997

PRESIDENT	MIKE CRAWFORD	WB7DFQ	531-4789
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
SECRETARY	CARL GLIMPSE	N7UDP	845-7966
TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
BOARD (5)	MIKE COMPTON	KB7ZDR	535-5144
	RUSSELL FOSTER	KJ7YP	473-6614
	DAN KELLY	N7QWH	535-2622
	ALAN HUGHES	KB7SVU	840-4947
	JERRY SELIGMAN	W7BUN	845-7652
LOGGER'S BARK STAFF			
EDITOR	KATHLEEN NACE	NØEYK	862-8635
REPORTERS	SHIRLEY MURPHY	N7QHW	265-3661
	MIKE CRAWFORD	WB7DFQ	531-4789
	BRIAN SPINDOR	KA7KUZ	769-9297
	DICK RYAN	W7RGD	627-0922
	MIKE TREIT	KB7QOP	549-2399
	JERRY SELIGMAN	W7BUN	845-7652
PHOTOGRAPHER	STAN WARBURTON	N7KMF	535-6015
PROOFREADERS	SALLY CRAWFORD	KB7PKJ	531-4789
	JERRY SELIGMAN	W7BUN	845-7652
COMPOSITOR	KATHLEEN NACE	NØEYK	862-8635
PUBLISHER	W7DK PRESS	N7QHW	265-3661

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CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Modem or mail all articles to Kathleen Nace, NØEYK, 2812 204th Ave.Ct.E., Sumner, WA 98390 or e-mail: kathleen@excell.com. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

***THE LOGGER'S BARK*, OFFICIAL PUBLICATION OF THE RADIO CLUB OF TACOMA, IS PUBLISHED MONTHLY BY W7DK PRESS, PO BOX 11188 TACOMA, WA 98411. THE PUBLICATION IS MAILED FROM TACOMA, WA, 98411 UNDER 3rd CLASS BULK, NON-PROFIT ORGANIZATION, US. POSTAGE PAID TACOMA, WA. PERMIT #1078.**

POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.88 / .28 MHz	**144.97 - Packet**
147.98 / .38 MHz (pl 103.5)	**441.00 - Packet**

449.175 / 444.175 MHz KC7DDA

New Members

Byron Kabran, KA3CUK — RCT #193
PO Box 111124
Tacoma, WA 98411-1124 — 206-593-265

Reinstatements

Bill Reuter, W7KT — RCT #17
24629 Dockton Rd. SW — (Number issued in 1926.
Vashon, WA 98070-7911 — Phone Unknow

Address/Phone Changes/Corrections

Craig Knowlton, KB7OLZ
Change city to Edgewood, WA 98372

Jack Shepherd, K7VOV
157 Bremerton Pl. NE
Renton, WA 98059-5244 — Phone Unknow

Mark Creley, KC7IBZ
Change city from Puyallup to Edgewood, WA 98372

New Calls

Jerry Cerny was AA7NU and is now W7JC

Silent Keys

Jim Hoban, W7NZM — RCT #39
(Number issued in 1956.

SHOW + TELL

ATTENTION!!
Home-brew and kit builders!

Bring YOUR project for our "SHOW AND TELL" program at the regular club meeting on January 8th! Call Bill, W7GBC, @ 584-1086 for more info.

PINOCHLE

2 gatherings each month

Pinochle & Potluck - 7PM
1st Saturday of the Month

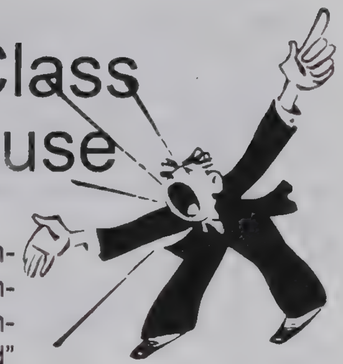
Ladies Pinochle - 12 Noon
4th Monday of the Month
Both gatherings at the Clubhouse.

Russian MIR Space Station News

de Russell, KJ7YP

The MIR crews make random voice QSOs during their off-hours. Anyone contacting the MIR crew should refrain from asking to schedule QSOs, however, as they do not have a long-term calendar. The 2-meter MIR FM frequencies have changed from 145.55 MHz simplex, to a combination of 145.80 MHz simplex packet and 145.20 MHz downlink/145.80 MHz uplink for FM voice. The change was due to a recommendation from IARU Region 1 (Europe), and was not the crew's idea. The frequency change has caused some problems in Region 2 (North America, where the recommendation would not apply anyway) and resulted in some interference between those attempting to contact MIR and repeater and APRS users on that part of the band.

Saturday Class at Clubhouse



On Saturday, January 11th, and Sunday, January 12th, we will be conducting our "concentrated" Technician No-Code License class at the clubhouse. The Satuday class time will conflict with our usual open-house Saturday get-together. Any of you who have attended a class or been to a meeting at the clubhouse when other activities are going on (even chatting in the kitchen behind closed doors) know that these activities can be VERY DISTRACTING! If you are a regular Saturday open-house visitor, PLEASE remember this if you stop by on the 11th. Let's provide a classroom-like atmosphere for these aspiring new hams and club members. Thank you for being considerate!

QUIET PLEASE!

ACCIDENT & BODILY INJURY
LAW OFFICES OF
DOUGLAS K. SMITH, P.S.

(206) 471-1000
(800) 585-8500

AJ7Y

DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409

SECOND BYTE
NEW & USED MS-DOS COMPUTERS
ACCESSORIES, PERIPHERALS, AND UPGRADES

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Roy Richards
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Bremerton, WA 98311
Voice/Fax: (360) 479-2619
E-mail: 2ndbyte@kendaco.telebyte.com

Just Relax!!
This feels so good!

Natural Alternative Massage Therapy

W7RFM

John E. Hirsch LMP
2124 SW 336th St.
Federal Way, WA 98023
(206) 838-2620

Your Ad Could Be Here!

Call, Shirley, N7QHW at (206)625-3661 for info.

JOIN THE EXCITING WORLD OF HAM RADIO

RECEIVE YOUR TECHNICIAN LICENSE IN **ONE WEEKEND**

FREE CLASS

NO-CODE TECHNICIAN AMATEUR RADIO LICENSE

The weekend of January 11/12, 1996

9 AM TO 5PM

Rather than 12 weekly sessions

Sponsored by:

The Radio Club of Tacoma

1249 South Washington Street - Tacoma

To Register, Call:

Bill Shimmin - 206-584-1086

or

Al Burleson - 206-474-9023

Bring a sack lunch to class!

Books will be available at the class for $19.00

ARES/RACES

THANKS TO EVA, WB7QNS

Eva Anderson, WB7QNS, has resigned as the Base Station Manager for ARES/RACES events. Eva actually resigned several months ago and we are remiss in saying these thanks so late.

N7QHW

Eva was that ever friendly and cheerful voice on the radio for search and escue, exercises, drills, or the real thing. She never forgot to say Thank You to everyone who volunteered and it really made a difference to everyone.

She also was the master Net Control Operator for the Pierce County Emergency Services Net each and every Tuesday for years.

The Pierce County Emergency Communication Services(ARES/RACES) organization presented Eva with a plaque expressing their sincere appreciation for all of her public service. It reads as follows:

ARES/RACES

Extends

HONORS AND
APPRECIATION

To

EVA C ANDERSON
WB7QNS

For

Years of Dedication
To
Public Service

Again Thank You Eva for all you have done for Emergency Communications for our community.

DISASTER PREPAREDNESS

Finally, a few words on Earthquakes from the brochure on ***Family Emergency Preparedness Plan*** developed by Group Health Cooperative of Puget Sound, American Red Cross and the Washington State Community, Trade and Economic Development Emergency Management Services.

The most important concept in developing a family emergency preparedness plan is communication. Every member of the family needs to be involved so that when disaster strikes, everyone will know what to do. How well you manage the aftermath of disaster depends a great deal on your level of preparedness when disaster strikes.

EARTHQUAKES

Getting Prepared

- Securely fasten water heaters and gas appliances.
- Repair defective electrical wiring, leaky gas and inflexible utility connections.
- Place large or heavy objects on lower shelves. Fasten shelves to walls. Brace high and top-heavy objects.
- Store bottle foods, glass, china and other breakables on low shelves or in cabinets that can fasten shut.
- Anchor overhead lighting fixtures.
- Be sure house is firmly anchored to its foundation.
- Know where and how to shut off all utilities.
- Locate safe spots in each room.
- Identify danger zones in each room.
- Consider buying earthquake insurance.

When the Ground Moves

- If indoors--take cover under sturdy furniture or against an inside wall, and hold on. **Drop, Cover & Hold!** Stay away from the kitchen!
- If outdoors--stay there. Move away from buildings, street lights and utility wires.
- In a high-rise building--take cover under sturdy furniture away from windows and outside walls. Stay in the building on the same floor. An evacuation may not be necessary. Wait for instructions from safety personnel. Do not use elevators.
- In a vehicle--stop as quickly as safety permits, and stay in the vehicle. Avoid stopping near or under buildings, trees, overpasses or utility wires.

When the Shaking Stops

- If the electricity is out--use flashlights or battery powered lanterns. Do not use candles.
- If you smell gas or hear a hissing or blowing sound--open a window and leave the building. Shut off the main gas valve outside.
- Be prepared for aftershocks.
- Check for injuries: yourself and those around you.
- If there is electrical damage--switch off the power at the main control panel.

Continued

If you have not joined ARES/RACES and would like to, contact Alan, KB7SVU, at 840-4947 or Bob, KB7NBQ at 875-0577 or see Shirley, N7QHW, at any Radio Club meeting for an application.

Coming next month - some words on Power Outages.

73, Shirley, N7QHW

BE READY!

## ❋ FROM THE BARK 20 YEARS AGO ❋

APRIL 1976

de W7BUN

The Women's Auxiliary will be donating prizes for the February 16th annual banquet. They also plan making a quilt for this year's Hamfair. Hamfair will be held this year at the Pierce County Fairgrounds ne Graham.

The election of officers for 1977 resulted in Jack, WB7AHR, voted in for his second term as Preside Jack, Don, WB7BLQ, Vice-President; WA7ENB, Treasurer; and Jean WA7OII, Secretary. Board members a Scotty, K7CYZ; Irma, W7OVW; Len, WA7HHI; and Jerry, W7BUN.

The Club's Christmas Party was held at the Paul Bunyan Restaurant in Puyallup. 96 members and gue attended. QST reported the Club was 4th in the 7-transmitter class for Field Day-1976. Steve, K7SSC, will chairman of Field Day this year. The ARRL has established an outgoing QSL Bureau which requires a QST la and $1.00 to send any number of QSL cards to DX countries. The FCC is considering a ban on all amateur lin amplifiers, since several manufacturers have circumvented FCC's ban on "CB" linears by referring to them amateur linears.

Editor's Notes

de N0EYK

BLESSED HAPPY NEW YEAR!

As we read this, I hope that we all have had a wonderful Christmas season, filled with lots of goodies and child-like joys!

Since this is the beginning of the new year, I would like to express my personal thanks and the thanks of the entire membership for the service of those retiring officers and board members and welcome the new officers and board members. Thanks also to the returning officers and board members for their continuing work. It is truly a BIG time commitment.

I have been collecting items to use when I have spaces to fill in the BARK as they have been submitted. If you would like to submit an interesting, short article, a quote, a cartoon or other item to be used in the BARK, please be sure to include proper credit(s), and make sure that the publication allows reprinting of items. More information about the credit is better than not enough. Short articles are better than long ones, as I often have a portion of a page that needs filler. Providing these items electronically (Email or disk), if possible, will be greatly appreciated!

Timeliness and accuracy of submissions by ALL REPORTERS is always very important, but will be especially so over the winter. Roger and I will be gone for about 2 1/2 months, starting in January and I will be doing the BARK remotely. Don't be afraid to send me Email earlier than the deadline. I really won't mind starting early. We will be making more arrangements over the next fe weeks for this to happen as easily as possibl With Email, Priority US mail and some patienc we can make this work.

Email address:
N0EYK@excell.com

The minutes that should be in this issue w be included in the February issue. Mike, KI7Y was out of town at deadline time. Also, PLEAS NOTE: January Board Meeting is Thursday, Ja uary 2nd.

Stay warm! It's winter now!

73, Kathleen, N0EYK

Amateur Radio Exams

in the Puget Sound Region as of May, 1996

1st Tuesday - 7 PM - **Puyallup** Fire Station, 128th St. one block west of Meridian, Puyallup - Contact Mike Horbul, KI7YB, 845-2545.

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 481-2361, Bothell

st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, **Kent** - Contact Burt Mendez, KB7ZCW, 824-2785, Seattle

2nd Tuesday - 6:30 PM - **Everett** - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clubhouse - Contact Shirley Murphy, N7QHW, 265-3661

2nd & 4th Thursdays - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

rd Tuesday - 7 PM - **Auburn** - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

rd Saturday - 1 PM - **Renton** - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave - next session - September 21 - Contact Nick Bender, NX7W, 249-4671, Montesano

th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

th Saturday - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

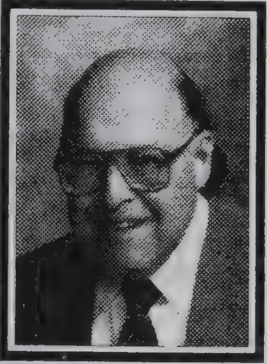
th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

emiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

lease send updates to: Jerry Seligman, W7BUN, 12306 0th Ave East, Puyallup, WA 98373 - Phone: 845-7652

◊ News from the ARRL ◊

de Jerry, W7BUN


W7BUN

FCC Private Wireless Division Chief Robert McNamara, N1KHF, has left FCC to take a position with Nextel Communications, Inc. McNamara, 51, has been with the FCC for 21 years. The Private Wireless Division regulates Amateur Radio. Deputy Chief David Horowitz has become acting chief. FCC personnel in Gettysburg are working their way though over 2600 vanity call sign applications that have arrived after the initial gate 2 opening on September 23rd.

The 104th Congress directed the FCC to reallocate 2305 to 2320 MHz and 2345 to 2360 MHz to wireless services and assign new licenses by competitive bidding by April 15, in order to help balance the budget. The ARRL has petitioned the FCC to create a primary amateur allocation in the 2300 to 2305 Mhz segment and to maintain a secondary ham allocation in the 2305 to 2310 MHz band.

The ARRL Letter has ceased sending printed editions to member subscribers. The ARRL Letter will now be distributed weekly via electronic mail which will save about $12,000 annually. W1AW, the ARRL Headquarters station, has received equipment donations from several manufacturers: Timewave has donated a DSP-59Y plug-in DSP module; Alinco, a DX-70TH an HF/6-meter transceiver, a DR-605T VHF/UHF FM mobile transceiver, and an EMS-14 desk mike; Yaesu, a G-5400B az/el satellite antenna rotator; and L.L.Grace, a Kansas City Tracker with Doppler shift tuning option. The ARRL has discontinued publication of the Section Leader newsletter. Instead, a new, quarterly newsletter for ARRL Affiliated Clubs, the ARRL Club Companion, will appear in 1997.

Advanced Electronics Applications Inc. (AEA) has been sold -- piecemeal. In January, new buyers

Continued on next page

Radio Club of Tacoma License Exams

JANUARY 14, 1997

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.05. For information call:
Shirley Murphy, N7QHW at (206)265-3661

will be announced for each product line: data products; test analyzers; and antennas. The company has a new multimode TNC, the DSP-232, which will be available in January.

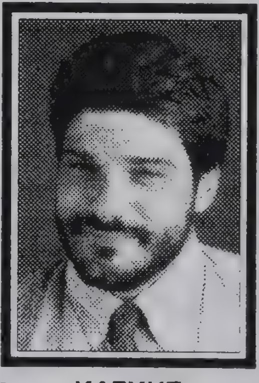
DXCC Honor Roll DXer George Wise, W7MB, of Portland, Oregon, became a Silent Key December 10th. Wise, 76, was charter member No. 1 of the Willamette Valley Amateur Radio Club. He achieved the first five-band DXCC and 160-meter DXCC in the seventh call area.

Yaesu has advised customers not to use nickel-hydride (NiMH) batteries in any amateur transceivers. NiMH batteries look the same as NiCd batteries on the outside, but are completely different internally. Chargers that do not prevent overcharging will cause NiMH batteries to become very unstable.

DX News: Ghana, 9G1TM. Marcia active from Tamale on 20 through 10 m ters including the new bands. QSL G4XTA; Falkland Islands, VP8CW Brian can be found on 14,240 kHz at 20 UTC. QSL via ZD7BJ; Antarcti WB7CHV/KC4. Greg is active from M Murdo Base and from the new base Siple Dome Station. QSL via WB7C Bosnnia Herzegovina, T9/WA5IKQ. Da is active on CW and SSB from the city Broko, north of Tuzla, on 80 through meters. QSL via KH6BZF; Heard Isla VK0IR. The Heard Island DXpediti team will activate this rarely visited, mote South Indian Ocean location duri January and February. A team of 20 ha will also visit Crozet and Kerguelen lands. The cost of the entire expediti has been estimated at $320,000.

W7DK HF STATION

de Brian, KA7KUZ



KA7KUZ

Well, here it is gang, the middle of the contesting season and it started off with a smashing start! If any of you participated in Sweepstakes this year you're probably aware of the great propagation we've been having. The last word I got was that during the contest the sunspot number jumped up. The sunspot numbers had been in the mid 60's until the contest when they jumped up to approximately 100. (Still unconfirmed but I heard rumor the number went as high as 113). Sounds like the next sunspot cycle is well on its way. If you worked the contest you are probably aware of the great 15 meter opening we had on both days. I casually participated in the phone contest and found 15 meters open until 3:30 PM on Saturday and open from 9 am until 4 PM on Sunday. I picked up over half of my contacts on 15 meters with good propagation over the entire country. Thanks to all those who participated and sent their scores in to the club for a club aggregate score.

In the last couple of weeks, we've had the ARRL 160 meter contest and the ARRL 10 meter contest. I missed the 160 contest because the wind took down my 160 dipole and I just didn't get it up in time. I tuned in briefly and found the noise level quiet and contacts ranging from the East Coast to the South Pacific. Results from that contest should be good! I just finished working the ARRL 10 meter contest and was just about to assume the contest w a bust when we got a great Sporadic opening over most of the country. Whil had difficulty working phone contacts t CW was HOT! I picked up several stat on the East Coast, South, and Southwe as well as several eastern Canadi provinces. I even heard a few Argenti stations and one Russian station. T propagation gods work in mysterio ways!

In the VHF/UHF realm things will heating up as well. Look for the Sporadic E to increa and peak from mid-December through January. I' been watching the Internet vhf/uhf reflector and ha seen an increase in 6 meter Sporadic E. You shou find activity on both 10 and 6 meters and we may ge rare opening on 2 meters. Stand by those VHF/U radios.

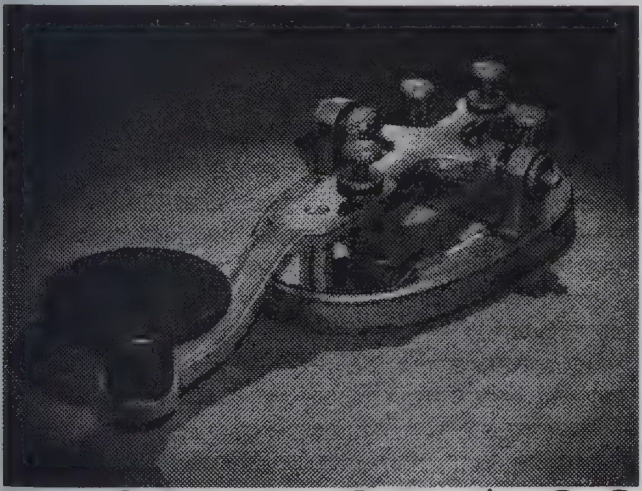
I received a notice from an ARRL Official O server regarding the W7DK radio station. Without fixi blame, it seems we had an out of band operation. Th one specifically occurred at 14,349.5 KHz. A sin sideband signal is approximately 2.5 KHz wide. Wh the radio indicates a frequency of 14,349.5, you a actually transmitting over a range of 14,349.5 14,352.0 or above the upper band limit of 14,350 by KHz. (assuming you are transmitting on upper si and). Be aware of your signal before you transmit. An nteresting note is that if you were transmitting on lower ide band you would not be considered out of band, owever, you would probably get a lot of people telling ou that you're on the wrong sideband!

If any of you have questions regarding HF peration or would like contesting information you may ow contact me through the Internet. Messages and or uestions can now be sent to me to the following ddress: ka7kuz@juno.com.

What lies ahead for contesting? Typically Janary, February, and March are the most active contestng months. In January we have the ARRL Straight Key light, ARRL RTTY contest, and CQ WW 160 CW ontest. February we have the ARRL International DX ontest (CW) and the CQ WW 160 phone contest. In larch we close out the season with the ARRL Internaonal DX contest (phone) and the CQ WW Work all refixes contest. Don't overlook these contests, they re a great way to pick up some of those needed tates for that worked all states award or some rare DX or that DXCC award.

Last but not least I want to thank everyone who oted for me for club president this year. We gave at reat try and I can hardly call losing by 5 votes a loss. Stay positive, stay active, and most of all stay involved n the Radio Club of Tacoma. There's always next year. lany thanks to you all!

73...



CW CLASS

A CW (Morse code) class for 5 words per ninute is planned to begin in January. At this writing, ne schedule has not been firmed up. If you are nterested, please give Mike Treit, KB7QOP, a call at 49-2887. The first class session will probably be londay, January 6th. Here is your chance to enjoy ne HF bands and working some of that rare (it's ALL are until you have work it!) DX.

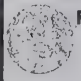
If Dr. Seuss wrote technical: (Author unknown)

Here's an easy game to play.
Here's an easy thing to say.
If packet hits a pocket
on a socket on a port,
and the bus is interrupted
as a very last resort,
and the address of the memory
makes your floppy disk abort,
then the socket packet pocket
has an error to report!
If your cursor finds a menu item
followed by a dash,
and the double-clicking icon
puts your window in the trash,
and your data is corrupted
cause your index doesn't hash,
then your situation's hopeless
and your system's gonna crash!
You can't say this? What a shame sir!
We'll find you another game sir.
But if the label on the cable
on a table in your house,
says the network is connected
to the button on your mouse,
but your packets want to tunnel
on another protocol
that's repeatedly rejected
by the printer down the hall,
and your screen is all distorted
by the side effects of Gauss,
so your icons in the window
are as wavy as a souse,
then you may as well reboot,
and go out with a bang,
'cause as sure as I'm a poet
that sucker's going to hang!
When the copy of your floppy's
getting sloppy on the disk
and the microcode instructions
cause unnecessary risk,
then you must flash your memory, and
you'll want to RAM your ROM,
Quickly turn off the computer,
then be sure to tell your Mom!

Thanks Amateur Radio News Service and Olympia ARS "Watts News"

January 1997

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 HAPPY NEW YEAR FOOTBALL DAY	2 7:30 PM RCT BOARD MEETING *CLARENCE W7FAB *JOHN N7FUS	3 WINTER IS HERE	4 *JULIAN W7DXI *TRENT N2OBM
5 *NICK KC7OKR *TOM WV7V	6	7 7:30 PM RCT NET 147.28R *STEPHEN KC7KAQ	8 7:30 PM RCT GENERAL MTG LIBRARY 112 E & WALLER RD *LOIS KC7SYU NEW MOON	9 *BRIAN KA7KUZ *DONALD K7LMN	10 *DEANNA N7WHC	11 *DON N7AEJ
12 *JOHN KC7MKK	13 *EVELYN KA7JCH	14 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R *CHARLES WB7WOU *EDWIN KA7HZH *RAY W7KFN	15 BARK DEADLINE	16	17 *GEORGE NL7IA *JOHN W7ZMZ *MARV KG7V *WILLARD WA9RMK	18 SUPERBOWL
19	20 *JULIE KB7UFR MARTIN LUTHER KING DAY	21 7:00 PM MVWS VE EXAMS 7:30 PM RCT NET 147.28R	22 7:30 PM RCT GENERAL MTG LIBRARY 112 E & WALLER RD *LOUIS W7ENR	23 *BOB KB7YTH *JEAN WA7OII *PRASAD N7RGL  FULL MOON	24	25 *DON W7DON *JUSTIN KC7IYF *MIKE KB7QOP *RANDY KC7AVA
26 *TOM W6QJI	27 12:00 PM CLUBHOUSE LADIES PINOCHLE *BRUCE KA7LYC	28 7:30 PM RCT NET 147.28R *BOB W7SKI	29 *CATHY KC7ETY	30	31 *LES WB7QCI	

December 1996

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February 1997

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RADIO CLUB OF TACOMA DUES RENEWAL FORM

CT BYLAWS SECTION TWO - MEMBERSHIP FEES AND ASSESSMENTS
) DUE DATE. Membership shall commence with the tender of a properly completed application and appropriate fee to y club officer. Annual membership dues will be paid in advance, in total on or before December 31 of each year. enewal notice may be provided in the club newsletter. Dues not received by March 31 of the current membership ear shall be considered in arrears at which point membership and all rights and privileges therein will be terminated thout further notice.

In order for our records to be as accurate as possible, please fill in the following information even if you feel there nothing different for you that we already have on record.

EMBERSHIP TYPE: FULL [ ] SENIOR [ ] ASSOCIATE [ ] STUDENT [ ]

AME________________________________CALL______________

DDRESS____

ITY____________________STATE______ZIPCODE + 4______________

ELEPHONE(PLEASE INCLUDE AREA CODE)______________________________

RRL MEMBER [ ] YES [ ] NO LICENSE CLASS__________

] FAMILY MEMBERS:
AME________________________________CALL______________
CENSE CLASS______________________

AME________________________________CALL______________
CENSE CLASS______________________

AME________________________________CALL______________
CENSE CLASS______________________

AME________________________________CALL______________
CENSE CLASS______________________

JLL(regular membership for licensed amateurs)	$20.00
ENIOR(65 YEARS OR OVER)	$16.00
AMILY(spouses and dependents living in same household as full member)	$ 4.00 per person
SSOCIATE(interested persons not licensed as an amateur--has no vote)	$20.00
TUDENT(available to Full or Associate up to age 25 attending school full time)	$10.00
IFE(available to Full or Associate or Family members-- dues are 20 times the appropriate membership fee--see bylaws for further payment options)	$400.00(full or associate) $80.00(per family member)

Send completed form with payment to **Radio Club of Tacoma P.O. Box 11188 acoma WA 98411-0188** or bring to any meeting and give to the club Treasurer.

LEASE TURN OVER AND FILL IN REMAINING INFORMATION!!!!!

My interests include:
(Please indicate your areas of interest for each activity listed by marking an x on the lin
provided)

______HF SSB
______HF CW
______HF Mobile
______SSTV
______ATV
______Construction
______QRP

______VHF/UHF SSB
______VHF/UHF CW
______VHF FM Mobile
______UHF FM Mobile
______Antennas
______Traffic Handling
______ARES/RACES

______DX
______Computers
______RTTY
______Facsimile
______Teaching
______Field Day
______Being an Elmer

______Contesting
______Certificates
______Satellites
______VHF/UHF Packet
______HF Packet
______EME (Moonbounce

Other Interests______________________________

I would be interested in helping on one or more of the following club committees:
(Please check any that you are interested in)

[ ] Packet
[ ] Flea Market
[ ] Field Day
[ ] RFI/TVI
[ ] Bark Mailing

[ ] Repeater
[ ] Teaching/Training
[ ] Antennas
[ ] Scholarship
[ ] Social Activities

[ ] Contest
[ ] Museum
[ ] Computer
[ ] Long Range Planning

[ ] Emergency Communications
[ ] Clubhouse Facilities
[ ] Club HF Station
[ ] WWA Puyallup Fair Booth

Other hobbies, expectations:______________________________

____

Other comments:______________________________

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2/97

FEB 1997

HE LOGGER'S BARK
adio Club of Tacoma, Inc.
O Box 11188
acoma WA 98411

DDRESS CORRECTION REQUESTED

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COMING EVENTS

EB 1 - Pinochle Potluck - 7 PM for Potluck, 7:30 PM for cards.

EB 5 - Board Meeting at the Clubhouse - 7:30 PM - All members are welcome.

EB 8 - 10 - QCWA Golden Anniversary Party CW (Phone portion in March)

EB 11 - License Exams - 7 PM - at the Clubhouse

EB 12 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM
Program: >Check the Tuesday night net for announcements.<

EB 14 - 16 - YL-OM Phone Contest (CW portion Feb. 21 - 23)

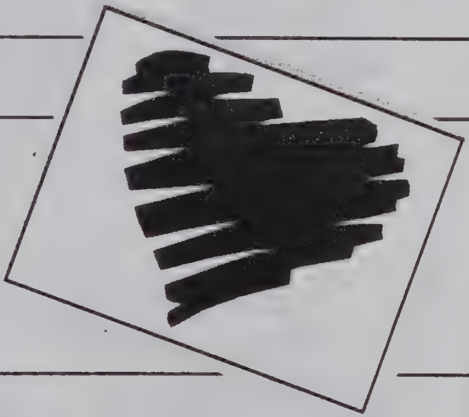
EB 15 - BARK deadline (Early is OK!)

EB 15 - 16 - ARRL International DX Contest, CW

EB 21 - 23 - CQ World Wide 160-Meter DX Contest, Phone

EB 24 - Ladies Pinochle - Noon at the Clubhouse

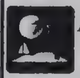
EB 26 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM
Program: >To be announced.<



Happy Valentine's Day!

February 1997

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 Pinochle Potluck
2 *JOHN K7ASZ *MAJOR N7GSF **Groundhog Day**	3 *KEN KA7CZA	4 7:30 PM RCT NET 147.28R *DAVID KC7OKQ *DICK KB6PWR	5 7:30 PM RCT BOARD MTG *JIM K7YLM	6 *BILL N7TEZ *CARL KB7LIG *CAROLYN WV7Q *RUSS KC7IBX	7 *VAL N7VGO **New moon**	8 *PHIL G4UFH **Winter skating scene**
9 *JOE KD7LJ	10 *KAREN KC7ACX *RICH N7ANF	11 **7:00 PM RCT LICENSE EXAMS** **7:30 PM RCT NET** **147.28R**	12 **7:30 PM RCT GENERAL MTG LIBRARY 112 E & WALLER RD**	13 *KARYL N7KWF	14 *MARK N7FIT *MICHAEL KM7I **Happy Valentine's Day**	15 **ARRL International DX Contest, CW 160 M Feb 15&16**
16 *KARL KC7PAI	17 *DAN N7QWH *MICHAEL KB7ZDR **President's Day**	18 **7:00 PM MVWS VE EXAMS** **7:30 PM RCT NET** **147.28R** *PETE N8PSJ	19 *DONNA *RONALD N7SWO	20 Aloha !!	21 *PAM KC7AZV	22 *SALLY KB7PKJ *TRESSIE KC7BAL **Full Moon**
23 *LAWRENCE KC7OKL	24 **12:00 PM CLUBHOUSE LADIES PINOCHLE** *JOHN N7JFM	25 **7:30 PM RCT NET** **147.28R** *JERRY KC7DRE *PENNY KC7RPF	26 **7:30 PM RCT GENERAL MTG LIBRARY 112 E & WALLER RD** *NORM KB7UXM *PAUL N7WGV	27 *BUD WE7I *EDWIN KC7OKS *LOUIS KA0SKW	28 *BILL N7BAA	

January 1997

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THE LOGGER'S BARK
RADIO CLUB
W7DK
OF TACOMA

VOL. XXXIV NR. 2 W7DK FEBRUARY 1997

FROM THE PRESIDENT

WB7DFQ

Where have all the young hams gone? Sounds like a verse from a sixties protest song, but the question is a valid one. If you talk to the people who have been conducting the training classes for new hams, they will tell you that there are plenty of young people who complete the classes. The folks who conduct the VE testing ses-ions also say that a lot of the same young people uccessfully pass the exams and become licensed. But ook around at a meeting or at the clubhouse on Saturlay and you see very few of them! I don't know where hey go, but it is obvious that they don't stay around the Radio Club of Tacoma. And I don't know how to change hat. We have discussed this issue at the Board meetngs and the only thing on which we can agree is that ve need your help.

What we need is for some of you who still have hildren at home, or have a lot of experience working vith young people, to come forward and give us some uggestions of how we might attract and keep the oung people who express enough of an interest in amateur radio to get their licenses. We have enough members and resources that we should be able to establish and maintain a youth program which would be the envy of many. All that we need is a few volunteers who will help us get started in the right direction. If you are interested, or know of anyone who might be, please let me know. I would call each of you individually and ask if you are interested, but I am afraid if I called your house and asked if there were young people living there that you would think I was an encyclopedia salesman and hang up!

The equipment building program which I mentioned last month is getting underway and we will start by building some simple VHF/UHF antennas at the clubhouse on Saturday, February 15. There will be more information on the Tuesday night net in the weeks to come.

73, Mike WB7DFQ

IDEAS AND HELP NEEDED

DUES ARE IN ARREARS !!!!

Dues are in arrears if you have not paid by December 31 of each year. Dues can be mailed to the **Radio Club of Tacoma at P O Box 11188, Tacoma, WA 98411** or pay them in person **at any club meeting to the club Treasurer**.

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will not forward Third Class Bulk Mail.

PINOCHLE

2 gatherings each month

Pinochle & Potluck - 7PM
1st Saturday of the Month

Ladies Pinochle - 12 Noon
4th Monday of the Month

Both gatherings at the Clubhouse.

RADIO CLUB OF TACOMA – 1997

PRESIDENT	MIKE CRAWFORD	WB7DFQ	531-4789
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
SECRETARY	CARL GLIMPSE	N7UDP	845-7966
TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
BOARD (5)	MIKE COMPTON	KB7ZDR	535-5144
	RUSSELL FOSTER	KJ7YP	473-6614
	DAN KELLY	N7QWH	535-2622
	ALAN HUGHES	KB7SVU	840-4947
	JERRY SELIGMAN	W7BUN	845-7652
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PUBLISHER	W7DK PRESS	N7QHW	265-3661

◆ ◆ ◆

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Modem or mail all articles to Kathleen Nace, NØEYK, 2812 204th Ave.Ct.E., Sumner, WA 98390 or e-mail: kathleen@excell.com. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

***THE LOGGER'S BARK*, OFFICIAL PUBLICATION OF THE RADIO CLUB OF TACOMA, IS PUBLISHED MONTHLY BY W7DK PRESS, PO BOX 11188 TACOMA, WA 98411. THE PUBLICATION IS MAILED FROM TACOMA, WA, 98411 UNDER 3rd CLASS BULK, NON-PROFIT ORGANIZATION, US. POSTAGE PAID TACOMA, WA. PERMIT #1078.**

POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.88 / .28 MHz	**144.97 - Packet**
147.98 / .38 MHz (pl 103.5)	**441.00 - Packet**
449.175 / 444.175 MHz KC7DDA	

New Members

Thomas Colon, KC7TVO RCT# 193
6024 A 79th St E
Puyallup, WA 98371 206-845-365

Mark D Cook, KC7TVP RCT# 193
3002 242nd St E
Spanaway, WA 98387 206-207-706

Peter D David, KC7TSY RCT# 193
3214 96th St S #23
Tacoma, WA 98409 206-984-787

Jim Morefield, KC7RWA RCT# 193
Jason Morefield, KC7THN RCT# 193
3203 SW 329th St
Federal Way, WA 98023-2738 206-838-913

Sharon J Leavins, KC7GBJ RCT # 193
10209 59th Avenue Ct E
Puyallup, WA 98373-1033 206-848-479

Dick Wheelock, AA7NI RCT# 193
177 Brook Dr
Chehalis, WA 98532-9101 360-748-144

Clinton Johnson, KA6KWD RCT# 194
1417 394th St S
Roy, WA 98580 360-458-860

Frank Price, KD7AC RCT# 1941
3831 N Whitman St
Tacoma, WA 98407 206-761-7431

Reinstatements

Address/Phone Changes/Corrections

Milton E Campbell, N7ZWS
Change phone to 541-746-1463

Wade Palmer, WA7OHG
Add #312 to street address

Charles Coulter, W7SZM
909 N I St Apt 406
Tacoma, WA 98403-2136 206-593-6991

John M Black, N7KN
PO Box 1920
Orting, WA 98360-1920 360-893-548

Herb Weston, KC7BAA
Betty Weston, KC7ACY
Change phone to 206-984-1519

New Calls

John M. Black, was AB7OJ and is now N7KN
Roger Nace, was K7AYC and is now K8RN

Silent Keys

Bill Courtney, W6TRA

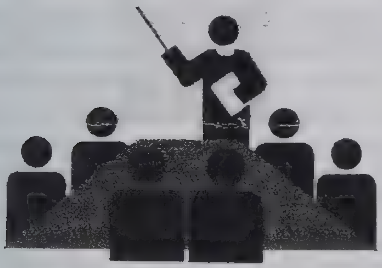
❋ FROM THE BARK 20 YEARS AGO ❋

FEBRUARY 1977

de W7BUN

The annual Installation Banquet will be held this month at the Paul Bunyan Restaurant in Puyallup. he last meeting this month will feature remote control of model aircraft. The Radio Club is supporting the pcoming Northwestern Division ARRL Convention which was named the SEA-Q-DX Convention. Included vill be the QCWA National Convention, the Northwest DX Convention, the Northwest Computer Club onvention, and a meeting of Air Force MARS members. W7DK will be in charge of the Wouff Hong eremony and registration.

The Board recommended expansion of the clubhouse by 16-18 feet. A committee was set up to look ito costs and feasibility. The ARRL has raised dues to $12 in order to support the efforts to protect ham adio at the World Administrative Radio Conference (WARC). FCC has dropped all license fees for all mateur licenses, renewals, etc.



NO-CODE TECHNICIAN AMATEUR RADIO LICENSE CLASS

2 DAYS ONLY!

March 1st and 2nd, 1997

"Concentrated"

See page 8 for more details.

Register NOW!

Call Bill, W7GBC

@ 584-1086

Editor's Notes

de NØEYK

E-Mail address:
NØEYK@excell.com
or kathleen@excell.com

GREETINGS FROM THE SOUTHWEST!

I am writing to you from our campsite in Phoenix, where we are enjoying a 4 day stopover. So far, our trip has been going well. I have experienced a few glitches in the computer/printer systems, which have made this publication more work than usual. With patience and perseverance, we are overcoming the problems. The 'virtual' newsletter will make it to the printers and your mailbox!

Thanks again to everyone who submits articles and other information to be published in the BARK - for their patience while working in a somewhat different environment. If you have something that you need to get to me but do not have E-Mail capabilities, several of the club officers would probably be able to help you. My US Mail will also be forwarded once I get to Texas.

Congratulations to the team that put together the very successful two day class! Keep up the good work! We look forward to another excellent report!

See you next month.

73, Kathleen

Amateur Radio Exams

in the Puget Sound Region as of May, 1996

1st Tuesday - 7 PM - **Puyallup** Fire Station, 128th St. one block west of Meridian, Puyallup - Contact Mike Horbul, KI7YB, 845-2545.

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, **Kent** - Contact Burt Mendez, KB7ZCW, 824-2785, Seattle

2nd Tuesday - 6:30 PM - **Everett** - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clubhouse - Contact Shirley Murphy, N7QHW, 265-3661

2nd & 4th Thursdays - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - **Auburn** - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave - next session - September 21 - Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

◊ News from the ARRL

de Jerry, W7BUN

W7BUN

The FCC gave the Amateur Radio Service a Christmas present by postponing for one year, until January 1, 1998, the date for hams to comply with its new RF-exposure regulations. The ARRL was among those requesting the delay in order to give the FCC more time to draft guidelines that amateurs could use to help them comply with the regulations. The new regulations would require hams runni 50 W PEP or more to conduct "routine RF radiati evaluations" to determine if RF fields were sufficient cause excess human exposure. In addition, the ARI has asked the FCC to reconsider the 50-W threshold.

The ARRL ended 1996 with its largest memb ship in history. The grand total was 175,023, up 2.1 from a year earlier. ARRL Vice President David Sumn K1ZZ, called the statistics "not bad for the worst busine year for Amateur Radio in recent memory."

The Heard Island DXpedition team set sail fr Reunion Island on January 5 and was scheduled to arri at Heard January 12. The 21-member team planned begin operating January 14, and operate until the end the month. Pileups should be fierce, since Heard Isla is the most wanted DX country in the world.

The FCC has proposed changes to the Comm sion's Experimental Radio Service (Part 5) Regulatior Among the suggested changes was a proposal to a 10.0 to 10.5 GHz, raising the possibility that the Amate Service and the student Experimental Service could e up sharing spectrum.

FCC-issued call signs as of January 3 incluc AB7TP, KK7EC, and KC7UAL.

Past ARRL President Carl I. Smith, W0BW became a Silent Key January 9, 1997. Carl Smit contributions to the ARRL spanned four decades, beco ing the League's President in November 1983.

The FCC office in Gettysburg reports it receiv 1273 vanity call signs applications in

Continued on next pa

Radio Club of Tacoma License Exam

FEBRUARY 11, 1997

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo I pen, pencil/eraser, calculator, and a check made out t ARRL/VEC for $6.05. For information call:

Shirley Murphy, N7QHW at (206)265-3661

December. The FCC has not announced when Gate 3 (for Advanced Class licensees) will open.

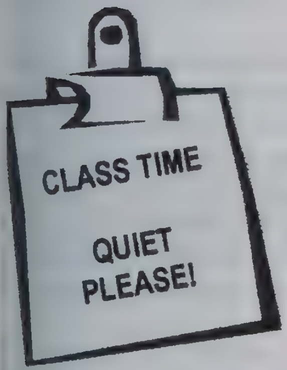
A 75-meter youth net meets on 3970 kHz Sundays at 2030 UTC. For more information, contact Jack Hamm, N1REU at e-mail n1reu@amsat.org.

The ARRL has concluded that the Repeater Directory was no longer the most effective medium for information on digital systems. The Tucson Amateur Packet Radio Corporation (TAPR) will now provide this information at http://www.tapr.org/directory/.

The FCC has upheld a $6,000 fine in he malicious interference case of Timothy Hoffman of Phoenix, Arizona. Hoffman was cited for transmitting without a valid license and malicious interference to area repeaters. He sought a reduction of the forfeiture, but he FCC upheld the fine.

The solar conditions are consistent with the bottom of the sunspot cycle. Looking at the long term, recent data show the sunspot numbers probably bottomed out around June or July of last year. The NOAA Space Environment Center (SEC), with the support of NASA, predicts big things for the upcoming Cycle 23. SEC found reasonable consensus for a large solar cycle with a smoothed sunspot maximum of 160. This would be comparable to the last two cycles, but won't exceed Cycle 19, the largest cycle on record. Solar Cycle 23 will most likely peak in early 2000.

ANOTHER SATURDAY CLASS



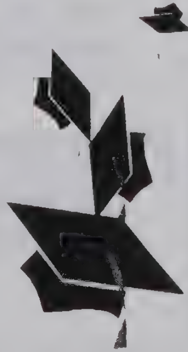
On Saturday, March 1st, and Sunday, March 2nd, we will be conducting our "concentrated" Technician No-Code License class at the clubhouse. The Satuday class time will conflict with our usual open-house Saturday get-together. Any f you who have attended a class or been to a meeting at the clubhouse when other activities are going on (even chatting in the kitchen behind closed doors) know that these activities can be VERY DIS-RACTING! If you are a regular Saturday open-ouse visitor, PLEASE remember this if you stop by n the 1st. Providing a classroom-like atmosphere or these aspiring new hams and club members is ery important. Our January class was a big suc-ess! Let's help make it happen again. Thank you or being considerate!

THANKS!

FIRST CONCENTRATED CLASS GREAT SUCCESS

I received an E-Mail in Phoenix from Bill Shimmin, W7GBC, with a report of the recent concentrated class. Here is an excerpt from his note.

"Last weekend, we gave our first 'concentrated' class for beginners in ham radio. In all modesty it was a smashing success. First of all, we expected maybe half a dozen students. We had 35 - actually too many for the clubhouse but we were handicapped in moving to another location because of our use of the video tape for portions of the course. We tested Tuesday night and had 24 show up for that. 23 passed and the young man who did not pass had attended only one of our sessions. Based on all of this, we have scheduled another class on Saturday and Sunday, March 1st and 2nd."



Great job, Bill and all of the team who helped with this new effort in our club's education program! If you would like to help with this program, I am sure that Bill would love to hear from you. If there is not an immediate opportunity, I am sure that backup help is always needed as well.

Keep up the good work!

73. Kathleen. NØEYK

ARES/RACES

N7QHW

NEW OFFICERS FOR 1997

At the PIERCE COUNTY AMATEUR RADIO COMMUNICATION SERVICES (PCARCS) meeting on December 18, 1996 elections were held with the following results:

Chairman, Alan Hughes, KB7SVU
Vice-chairman, Denny Field, KB7NAG
Secretary/Treasurer, Dan Smith, N7VXJ
Board Member, Irv Ostrich, WB7VQH
RACES RO, Bob Tilley, KB7NBQ (automatic position)
Immediate past Chairman, Candy Plumlee, KK7BI (automatic position)

Congratulations to all! Everyone please volunteer and support your officers for 1997.

Remember, check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan, Bob or Shirley (info at the end of the article). Also, find out which Fire District and Fire Zone you are in and let us know. Volunteers are still needed for manager positions, contact Alan or Bob to volunteer.

POWER OUTAGES
(Better late than never!)

Getting prepared

- Register life-sustaining equipment with your utility.
- Consider purchasing a small generator or know where to rent one if you use life sustaining equipment that requires electrical power.
- Post the telephone number of the New Construction, Repairs and Power Outage listing of your local utility.
- If you own an electric garage door opener, learn how to open the door without power.
- Prepare a power outage kit. For short duration outages consider having glow light sticks, flashlights, battery powered radio, extra batteries and a wind-up clock on hand.
- Make sure you have an alternate heat source and a supply of fuel.
- Have a corded telephone available.
- When installing generators, follow the manufacturer's instructions and have it inspected by the utility company and the state electrical inspector.

When the Lights Go Out

- If your house is the only one without power, check your fuse box or circuit breaker panel. Turn off large appliances before replacing fuses or resetting circuits.
- If power is out in the neighborhood, disconnect all electrical heaters and appliances to reduce the initial demand and protect the motors from possible low voltage damage.
- If you leave home, turn off or unplug heat producing appliances.
- Unplug computers and other voltage sensitive equipment to protect them against possible surges when power is restored.
- Conserve water, especially if you are on a well.
- Keep doors, windows and draperies closed to retain heat in your home.
- Keep refrigerator and freezer doors closed. If the door remains closed, a fully loaded freezer can keep foods frozen for two days.
- Be extremely careful of fire hazards caused by candles or other flammable light sources.
- When using kerosene heaters, gas lanterns or stoves inside the house, maintain ventilation to avoid a build-up of toxic fumes.
- Connect lights and appliances directly to a generator, not to an existing electrical system.

Note: Leave one light switch in the on position to alert you when service is restored.

If you have not joined ARES/RACES and would like to, contact Alan, KB7SVU, at 840-4947 or Bob, KB7NBQ at 875-0577 or see Shirley, N7QHW, at any Radio Club meeting for an application.

>>> COMING SOON <<<
Information on Hazardous Materials Issues.

73, Shirley, N7QHW

Radio Club of Tacoma 1997 Budget

Our current bylaws require that the Treasurer propose a budget for Board approval and that the approved budget be published in the Logger's Bark. The bylaws also call for the Board to manage expenditures within that budget.

The following is the 1997 Budget. If more detail s desired than is printed here, you may contact any member of the Board as they each have a copy of this budget and are provided monthly reports on our expenditures as related to the budget.

INCOME	
Dues	$7108.00
Commissions	460.00
Bark	228.00
Donations	1100.00
Sales	1000.00
Fund Raiser	7000.00
Transfer from Savings to General Fund	2500.00
TOTAL	$19396.00

EXPENSES	
Clubhouse	$950.00
Education	500.00
Equipment	450.00
Events/Training	4475.00
Fees	100.00
Insurance	1150.00
Misc. Expense	500.00
Museum	150.00
Office	3725.00
Packet	200.00
Postage	1190.00
Radio Station	600.00
Rent	1030.00
Repeaters	200.00
Taxes	1650.00
Telephone	760.00
Utilities	1600.00
TOTAL	$19230.00

Shirley Murphy, N7QHW, Treasurer

Money Matters

ACCIDENT & BODILY INJURY
LAW OFFICES OF
DOUGLAS K. SMITH, P.S.

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(800) 585-8500

AJ7Y

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Attorney at Law
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2702 South 42nd Street
Tacoma, Washington 98409

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Your Ad Could Be Here!

Call, Shirley, N7QHW
at (206)265-3661 for info.

JOIN THE EXCITING WORLD OF HAM RADIO

FREE CLASS

RECEIVE YOUR TECHNICIAN LICENSE IN

ONE WEEKEND

NO-CODE TECHNICIAN AMATEUR RADIO LICENSE

Saturday, March 1

and

Sunday, March 2, 1997

9 AM TO 5PM

Sponsored by:

The Radio Club of Tacoma

1249 South Washington Street - Tacoma

To Register, Call:

Bill Shimmin - 206-584-1086
or
Al Burleson - 206-474-9023

Bring a sack lunch to class!

Books will be available at the class for $19.00

MINUTES

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING MINUTES
NOVEMBER 27, 1996

The Radio Club of Tacoma meeting was called to order at 7:30 p.m. by President Mike Crawford, WB7DFQ. Ed, KC7SAA, stopped in with his son Evan who was just released by the North Koreans.

TREASURER : The report from Shirley, N7QHW, the reasurer, indicated we had 473 paid up members.

HEALTH AND WELFARE: Shirley, N7QHW, reported hat Chuck, WY7V, one of our board members, was up and doing better after recent surgery.

PROGRAM: Bill, W7GBC, our program chairman introduced our program with a lead in from Worth W7WG of a program he taped from the PBS network on the early pioneers of radio. These inventors and entrepreneurs were Lee DeForest, Major Armstrong and David Sarnoff. This was the completion of the program from election night.

ARES & BARK: Shirley, N7QWH, reporting for Alan, KB7SVU, that the due to the amount of snow in the mountains and recent rain, the potential for flooding is greatly increased. Please listen on the 145.37 repeater or activity. There is an election on December 18 at the TACID Building in Tacoma at 7 PM.

The Bark party will be 10:00 AM Friday at the clubouse.

CHRISTMAS PARTY: Marilyn, KJ7BN, talked about he Christmas Party which will be at the TACID Building n Tacoma on December 7 starting at 7 PM. It will be a otluck.

AROWS is sponsoring a "real doozey" of a raffle with he grand prize being a ICOM T22A handheld. More rizes have been added including dinners, cash and an nstrument quality harmonica donated by Luis, AA7WE.

CLUBHOUSE: Brian, KA7KUZ, asked that the Novemer ARRL Sweepstakes contest forms be mailed to im so he can tally the club score before sending the eport to the ARRL.

ANTIQUE WIRELESS: Mac, W6NBD, discussed the ctivities of the Antique radio group who have just ompleted putting a VCO on the radio. The group will e participating in the December 7 Antique Wireless ontest.

TRAINING: There will be a general license class startng Thursday, Dec. 5 at Jerry's, W7BUNs, house.

FLEA MARKET: Alan, N7EAY, the 1997 chairman, sked if anyone had any ideas on a new location for the ea market. Please contact him or Mike, WB7DFQ.

HINTS & KINKS: Hal, W7EC, says that the sunspot ctivity seems to be increasing with 111 spots observed recently.

CERTIFICATES: New member certificate was handed out to Mary Cook, KC7SYW.

ADJOURNMENT: The meeting was adjourned at 8:25 PM.

Attendance: 35
Respectfully submitted,
Mike Horbul, KI7YB, Secretary
Radio Club of Tacoma

JOIN IN CLUB ACTIVITIES!

RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
DECEMBER 4, 1996

The Radio Club of Tacoma Board of Directors meeting was called to order at 7:30 PM by President Mike Crawford, WB7DFQ. All board members and four guests were present, representing a quorum.

SECRETARY'S REPORT & CORRESPONDENCE: Minutes of the last board meeting were approved as printed in the Bark. Mike, WB7DFQ, read a letter containing the ruling from the Board of Equalization stating that the taxable valuation of the clubhouse is lower. Thanks to Tom , N7QHX, for his follow up on this issue.

TREASURER'S REPORT:

GENERAL FUND CHECKING	$1,204.30
REPEATER FUND CHECKING	589.51
PACKET FUND CHECKING	500.00
FLEA MARKET CHECKING	500.00
MONEY MARKET SAVING	14,874.95
SCHOLARSHIP WORKING FUND	600.00
SCHOLARSHIP MEMORIAL FUND	2,759.73
FENCE FUND	78.34
CASH on HAND	13.10
TOTAL ALL ACCOUNT	$21,119.93

There are 479 1996 members.

MEMBERSHIP & TRAINING : Nothing new per Bill, W7GBC on membership. He has put together an intensive 2 day class on January 11 & 12 from 9 AM to 5 PM.

The general class has been canceled due to lack of students. It will be rescheduled for January. Code practice will be set up soon as a workable schedule can be arranged.

ANTIQUE WIRELESS: Mac, W6NBD, requested a place to lock up tools and tools for repairs. The board requested that the group decide on an amount and return to the board with a proposal

CLUBHOUSE: Mike, WB7DFQ, reported that several long distance phone calls were made from the clubhouse. Al, KC7DDA, will procure a blocker to cure the problem.

REPEATER: The DNR has requested that the club install an isolator on the 147.38 repeater, according to Mike, WB7DFQ.

OLD BUSINESS: Ralph, KA7FIG, provided information about club jackets at a cost of $28.50 plus the cost of the jacket.. Shirley, N7QHW, reported that the committee has been checking several sources.

Chuck, WY7V, reported the winner of the 80th birthday contest. A certificate will be made and presented to the winner.

Mike, WB7DFQ, said that requests had been made to him to have a second HF station on the main floor of the clubhouse. Ralph made a motion that a HF and VHF station be installed in the N.E. corner. {pointing towards the QSL bulletin board). Shirley brought up that training and testing space that will be lost should be considered. Russell KJ7YP seconded the motion. The motion carried by majority vote with split support.

Jerry, W7BUN, made a motion that we take up to $500 dollars from the repeater fund to put an isolator on the 38 machine. Bill, W7GBC, seconded the motion, which passed.

The budget copies were distributed which will be discussed at the January board meeting on Jan 2nd. Alan, N7EAY, inquired into the location for the flea market. He was informed that the exhibitors like our present location due to the large aisles. A committee consisting of Alan, N7EAY, Al, KC7DDA, and Russell, KJ7YP, will look into site selection.

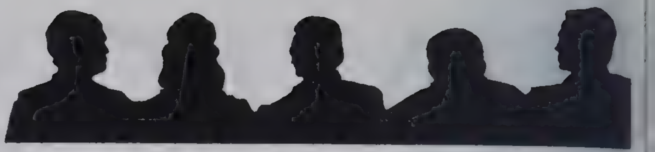
NEW BUSINESS: Discussion by Russell, KJ7YP, and Bill, W7GBC, on the condition of the first floor and access to the clubhouse prompted Mike, WB7DFQ, to promise to appoint a committee for re-decorating the first floor.

Shirley suggested that we have board members take turns on having the RCT phone forwarded to their house on a monthly rotation.

ADJOURNMENT: The meeting was adjourned at 8:45 PM.

Attendance: President Mike, WB7DFQ, Secretary Mike, KI7YB, Treasurer Shirley, N7QHW, Russell, KJ7YP, Alan, KB7SVU, Ralph KA7FIG, Bill, W7GBC, Jerry, W7BUN, and Chuck, WY7V. Also, in attendance were Al, KC7DDA, Alan, N7EAY, Worth, W7WG and Mac, W6NBD.

Respectfully submitted,
Mike Horbul, KI7YB, Secretary
Radio Club of Tacoma



RADIO CLUB OF TACOMA, INC.
REGULAR MEETING MINUTES
DECEMBER 11, 1996

The Radio Club of Tacoma meeting was called to ord
at 7:30 PM by President Mike Crawford, WB7DFQ.

TREASURER : The report from Shirley, N7QHW, t
treasurer, indicated we had 479 members.

PROGRAM: A Christmas social followed the meeting

ARES: Alan, KB7SVU, announced the election meeti
will be held on the 18th at the TACID Building. With t
storms we have had, be aware of flooding.

ARRL: Jerry, W7BUN, has reported that the ARRL h
tried, without success, to delay the new RF radiati
enforcement.

AROWS & CHRISTMAS PARTY: Next meeting
January. Marilyn, KJ7BN, announced the winners fro
the potluck Christmas party. Norm, KC7DCN, won t
ICOM T22 radio, Jean, KB7SVX, won both of t
dinners, Bob, KB7NBQ, won the harmonica donated
Luis, AA7WE, and Mike, KI7YB, won a tea gift bask
donated by Jerry, W7BUN. Dick, W7RGD, won twer
five dollars which he donated to the repeater fund.

TRAINING: There will be a no-code technician cla
starting January 11 at the clubhouse. This is
intensive 2 day class.

ANTIQUE WIRELESS: Worth, W7WG, and Mor
W6LIX, reported on last weekend's operation duri
the antique wireless contest. It seems as though t
radio did not seem to operate properly with oscillat
set on 80 meters, the buffer on 40 meters and the ta
circuit on 20 meters. Reception did improve conside
ably after this was rectified!

HINTS & KINKS: Russell, KJ7YP, reported that t
MIR space station has been repaired, after a rece
spacewalk enabled them to straighten the antenna. H
W7EC, says MIR is the Russian word for peace.

TUNING & TRAFFIC: Don, W7DON, recently receiv
a QSL card from Paul in the Vatican. No wonder
gets all those rare contacts he has friends in hi
places.

Mike, WB7DFQ, reported from the net that Chuc
N7ETC, is looking for some help with tuning up t
power on ten meters on his TS-530. Also, a teach
from Hunt Middle School is looking for a 30 foot ma
for his weather station. If you have one for cheap
donation please contact Jerry, W7BUN.

PRESENTATION: The engraved and pictured plag
was shown to Jerry, W7BUN, which will be hung at t
clubhouse announcing the facility as the Jerry Seligm
Facility.

OOD OF THE ORDER: Shirley, N7QHW, said the acket committee has selected the Custom Shirt Shack or as low as $32 in quantities of 12 or more. The logo ill be silk screened and the callsign embroidered in right yellow on a bold blue background.

he next program on January 8 will be a show and tell. lease bring in a homebrew project.

ext board meeting is Thursday Jan 2.

ERTIFICATES: New member certificate was avail-ble for Byron Kabran, KA3CUK.

DJOURNMENT: The meeting was adjourned at :00 PM.

ttendance: 56

espectfully submitted,
ike Horbul, KI7YB, Secretary
adio Club of Tacoma

Thanks for the job
well done, Mike!
«»
Welcome, Carl!

ADIO CLUB OF TACOMA, INC.
OARD MEETING
ANUARY 2, 1997

The Radio Club Board of Directors meeting as called to order at 7:30 PM by President Mike rawford, WB7DFQ.

All club officers were present except the secre-ry Carl Glimpse, N7UDP (who arrived late). All board embers were present except Jerry Seligman, 7BUN. There was a quorum present. Sixteen guests ere also present.

ECRETARY'S REPORT & CORRESPONDENCE:

here were no minutes from the last meeting in the ARK. They will be included in the next issue. Kathleen ace, N0EYK, took the minutes until the secretary rrived. Thanks Kathleen. Mike Crawford, WB7DFQ, aid the only correspondence was an unsolicited pro-osal for the garage roof, and will be discussed under ld business.

REASURER'S REPORT:

General Fund Checking	$1,176.96
Repeater Fund Checking	312.01
Packet Fund Checking	500.00
Flea Market Checking	500.00
Money Market Savings	14,934.77
Scholarship Working Fund	600.00
Scholarship Memorial Fund	2,796.31
Fence Fund	78.34
Available Cash	15.54
Total All Accounts	$20,913.93

here are 227 1997 members.

COMMITTEE REPORTS:

ADVANCED PLANNING: None

MEMBERSHIP: Bill Shimmin, W7GBC, again suggested that some sort of congratulatory letter be sent persons who complete Radio Club classes.

TRAINING: Bill, W7GBC, said the concentrated two day no-code technician class is still scheduled for Saturday and Sunday, January 11th and 12th.

CLUBHOUSE/STATION: None

FLEA MARKET: Mike, WB7DFQ, thinks he may have a new chairman (to be named later). Mike also thinks we may want to move the location of the Flea Market.

BARK: Kathleen, N0EYK, requested that the deadline be moved from the 15th to the 12th of January.

JACKETS: Shirley, N7QHW, found out that jackets larger than XL (XXL, XXXL) will cost an additional $3 or $4 dollars.

OLD BUSINESS:

GARAGE ROOF: Mike, WB7DFQ, mentioned the letter from Holmes Roofing who submitted a bid of $1181.00 to put a new roof on the garage. The price includes hauling away the old materials. Alan Hughes, KB7SVU, has priced the material required, and believes we (the club) could do the job ourselves for about $250.00. Dan Kelly, N7QWH, will call Clover Park Technical and see what the possibilities are of having students do the work.

1997 PROPOSED BUDGET: The Treasurer, Shirley Murphy, N7QHW, submitted the 1997 budget for approval. To cover the $2334.00 shortfall, Bill, W7GBC, moved that the club transfer $2500.00 from savings to the income side and pass the budget as submitted 12/2/96. Russell Foster, KJ7YP, seconded the motion. The motion carried and the budget passed.

OUTSTANDING QSL'S: Mike, WB7DFQ, ask about QSL cards, like those for Mt. St. Helens? Brian, KA7KUZ, said he had not completed that task. There was discussion on the need for several different type of QSL cards, such as, special event stations (WA7ASH), the club call (W7DK), the museum station (W7OS). Worth Gurley, W7WG, said we need to identify the fact that W7OS is a memorial station. There was much discussion on how to handle generic cards, custom cards, or some of each. It was suggested that perhaps someone in the club could design and/or produce them. It will be tossed out at the general meeting. Mike, WB7DFQ, said he may appoint a committee to study the best ways to precede.

NEW BUSINESS:

ICOM 2000 RADIO: Bill, W7GBC, made a motion that the Club pay ICOM for the radio that was borrowed for use on the Missouri and lost. He proposed that the Club pay the $223.18 to ICOM NW. The motion was seconded by Dan, N7QWH. There was discussion on whether or not the cost should be divided among several parties. It was felt that the best interest of the

Club would be to pay the bill and maintain good relations with ICOM. The motion was carried.

ATTRACTING YOUTH: Bill, W7GBC, had previously suggested that we find ways to attract and keep young people in the Radio Club of Tacoma. Brian, KA7KUZ, is working with scouts. Boys and Girls clubs, schools, recruitment of amateur radio operators with children, were some of the ideas tossed around. Programs to get and maintain their interest need to be looked at. Perhaps another committee, including young people, should be formed. The Board will look for proposals from this committee prior to Field Day, in hope of getting some of the youth active during this activity.

GOOD OF THE ORDER: A motion to allow the Treasurer to pay all usual and recurring bills was made, seconded, and carried.

Equipment is missing from the club house and garage. All members are reminded that when you want to use club equipment, check it out, don't just take it. If you pick up donated items, make sure they are properly receipted.

A motion to have the club phone answered by the board members on a rotating basis was made and seconded. After discussion the motion was defeated. A motion to buy an answering machine was made and seconded. With no discussion, the motion failed.

Silent Keys:

Dean Gibbons, K7WUO
Bill Courtney, W6TRA

The meeting adjourned at approximately 9 PM.
Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING
JANUARY 8, 1997

The Radio Club of Tacoma meeting was called to order at 7:30 PM by President Mike Crawford, WB7DFQ.

Following the pledge of allegiance, two visitors (now new members) were introduced - KD7A and KA6KWD. There were also two graduates of most recent RCT training class, now new hams, KC7GVO, & KC7TSY.

TREASURER'S REPORT:

The report from Shirley, N7QHW, indicated there are 290 paid members so far for 1997.

HEALTH AND WELFARE: It was reported that Jerry Seligman, W7BUN, is back in the hospital, but is expected to return home tomorrow. Jim Kirkreit, K7YLM, is still seriously ill. He would enjoy contact with friends, either by phone or in person. The best way to chat with Jim would be by using CW on the radio, so he won't have to speak, which is difficult. Yes, he will slow down.

PROGRAM: The program this evening, introduced Bill, W7GBC, consisted of "Show & Tell" of some hor made equipment. There were a couple of anten tuners. One simple, efficient, and small, the other larger more complex device. There were some piec of equipment from the Club's Museum, such as, home made bug, crystal oscillator, sample breadboa layouts, and a home made receiver. Most of the items dated back to the thirties. There was also a hu hoop antenna for 160 meters, with a built in amplifi There was also some photo memorabilia from t archives. A special thanks was offered to Lou Si mons, KB7WDB, for his efforts in building a great wc bench in the radio room, and additional items in t garage.

ARES: Shirley, N7QHW, said there were 300 hou logged at the EOC, and the river watch during t storms over the holidays.

TESTING AND CLASSES: Shirley also reminded that there will be license testing at the club house January 14th at 7:00 PM, and anyone who is a VE ask to come down a little early to get paper wc started. There will also be testing on Saturday the 18 at 2:00 p.m., which will be Novice & Tech only, the will be no code. Bill, W7GBC, and his crew are cc ducting a complete class for Tech Plus. This will be day sessions Saturday and Sunday, the 18th & 19th this month.

AROWS: Marilyn, KJ7BN, is holding a meeting at h house on Saturday the 11th at 2:00 PM.

BARK: Kathleen, NØEYK, has moved the deadline f articles up to Sunday evening, the 12th of Janua Kathleen and Roger, K8RN, are off to Texas ur spring. The BARK will be handled by the Internet/ Mail/phone/FAX/?, or so they say! The virtual nev letter will be a challenge. (So far, so good! Your editc

BUILDING PROJECTS: Mike, WB7DFQ, announc plans to start a project to build simple electronic (rac related) devices, and simple antennas, beginning February. He also announced that plans are bei made for "DK at the Beach" this spring. Mike wants find ways to attract and keep young people in the Rac Club of Tacoma. Anyone interested in helping, conta Mike.

HINTS AND KINKS: The Club's Antique radio stati lost its antenna during the storm. It needs to be r paired/replaced before the station can get on the again.

John Nance's visit to RCT will be delayed by seve months.

Attendance: 54
The meeting was adjourned at 8:35 PM.
Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

3/97

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

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ADDRESS CORRECTION REQUESTED

COMING EVENTS

MAR 1 - Pinochle Potluck - 7 PM for Potluck, 7:30 PM for cards.

MAR 1-2 - ARRL International DX Contest, Phone

MAR 5 - Board Meeting at the Clubhouse - 7:30 PM - All members are welcome.

MAR 11 - License Exams - 7 PM - at the Clubhouse

MAR 12 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM

Program: Mary Lou Brown, NM7N, ARRL Northwestern Division Director, will address the meeting about the latest threats from commercial interests trying to obtain allocations to operate on our amateur frequencies, especially 144, 222, and 430 MHz. She will outline the problems that face us and advise what we can do as a Club and as individuals to fight for the continued use of our frequencies.

MAR 15 - BARK deadline (Early is OK!)

MAR 24 - Ladies Pinochle - Noon at the Clubhouse

MAR 26 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM

Program: View a 30-minute video of the 1996 WRTC. This is a competition between teams of the top operators from many countries and is held at a different site each year. All teams have available similar equipment and are matched for equal operating skills; it is the "Olympics" of ham radio operating.

MAR 29-31 - CQ WorldWide WPX Contest, Phone

Be listening to the weekly W7DK Net for more information on programs and other events, like 'DK AT THE BEACH'.

If you have not renewed your DUES for 1997, this may be your LAST BARK. See page 1 for more information

March 1997

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 **6:00 PM PINOCHLE POTLUCK** *ALF KB7QFT *HENRY NK7E
2 *BILL KL7BB	3 *BUD N7HKS *GUY KB7LGU	4 **7:30 PM RCT NET** **147.28R**	5 **7:30 PM RCT BOARD MTG** *BILL W7GBC *JAMES KC7ETS *RAY KJ7SM	6 *EDWARD W7EBF	7 *JIM W7CSX *STEVE KC7AZW	8 *JAMES N7DKI *JOHN KC7FRL *LINK N7DEO *SAM N7SS **NEW MOON**
9 *AL K7PUC	10 *VIVIAN *WAGNER N7COT	11 **7:00 PM RCT LICENSE EXAMS** **7:30 PM RCT NET** **147.28R** *ALEX KC7RFJ *BETTY KC7ACY *DAN AJ7K	12 **7:30 PM RCT GENERAL MTG LIBRARY 112 E & WALLER RD** *STAN N7OAX	13 *OWEN KC7KAV	14 *BYRON KA3CUK *JIM KC7MTN *ROY KA7X	15 *HOHN KB7UED *JOANNE WA4KZQ
16 *ERIC WA7GHE *JERRY W7JC	17 **HAPPY ST PATRICK'S DAY**	18 **7:00 PM MVWS VE EXAMS** **7:30 PM RCT NET** **147.28R** *BILL KC7AKY	19	20 **HAPPY SPRING**	21 *AL K5EAF	22 *PAUL KC7MKL
23 *ALEX W7AZR *HELEN W7WRI **FULL MOON**	24 **12:00 PM CLUBHOUSE LADIES PINOCHLE** *ANDY KB7DOX *ROBERT N7AHR	25 **7:30 PM RCT NET** **147.28R** *BOB KB7UXF	26 **7:30 PM RCT GENERAL MTG LIBRARY 112 E & WALLER RD** *LUCILLE NB7T *MOREL W6LIX	27 *ROBERT KI7UU	28 *BRIAN N7UFA *EDITH KB7KSY	29 *BILL KC7EBB *GEORGE KLL7GRL *GLENDA
30 *FLOYD KC7EEZ *LELSIE N7QWJ **EASTER**	31 *JAMES WL7BOT					

February 1997

S	M	T	W	T	F	S
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23	24	25	26	27	28	

April 1997

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13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

THE LOGGER'S BARK

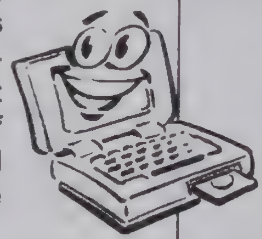
RADIO CLUB W7DK OF TACOMA

VOL. XXXIV NR. 3 W7DK MARCH 1997

FROM THE PRESIDENT

WB7DFQ

Welcome to the first completely "Virtual" issue of the bark. As most of you know Roger, K8RN, and Kathleen, NØEYK, are "on the road" and Kathleen is putting the Bark together in cyberspace. Most of the articles are sent to Kathleen via E-Mail. She then edits the articles, composes the layout, assembles the whole thing, and sends it back for printing. It really is more complicated that that, and it involves a lot of work by folks back here at home, nevertheless, it is an example of the Internet in action. My hat is off to all of the people who work so hard to make the Bark possible.



While we are on the subject of the Internet and computers, how many of you use a computer as part of your ham radio activity? It seems that every day more and more ham radio applications appear on the scene with is no end in sight. Today, even a simple handheld radio contains a computer of sorts. It seems that a majority of the members of the club are using a computer in some way, on an everyday basis. With this level of computer involvement, maybe the time has come to formally recognize the computer as a part of ham radio.

With that end in mind, I am going to try to establish a computing committee within the Radio Club of Tacoma. The purpose of this committee will be to provide a place for members who have a special interest in computers and ham radio to exchange information and ideas. Although packet radio will be a welcome subject, the main thrust will be those areas which are outside the realm of packet. These areas will include, but not be limited to, Internet, E-Mail, computer repair/upgrades, and ham radio applications such as satellite tracking. If you think you would be interested let me know and we will get it going.

Remember, DK at the Beach is coming up so get those antenna projects ready.

Just a reminder! The autopatch code will be changing again about the first of April so get your dues up to date.

73, Mike, WB7DFQ

▶▶▶THIS MAY BE YOUR LAST LOGGER'S BARK◀◀◀

If you have not renewed your DUES for 1997, this may be your LAST Logger's Bark. CHECK YOUR MEMBERSHIP CARD and be sure you have PAID your DUES FOR 1997!!!!!

Dues can be mailed to: Radio Club of Tacoma,
PO Box 11188, Tacoma, WA 98411-0188
or pay directly to the club treasurer at any club meeting.

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail.

RADIO CLUB OF TACOMA -- 1997

PRESIDENT	MIKE CRAWFORD	WB7DFQ	531-4789
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
SECRETARY	CARL GLIMPSE	N7UDP	845-7966
TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
BOARD (5)	MIKE COMPTON	KB7ZDR	535-5144
	RUSSELL FOSTER	KJ7YP	473-6614
	DAN KELLY	N7QWH	535-2622
	ALAN HUGHES	KB7SVU	840-4947
	JERRY SELIGMAN	W7BUN	845-7652
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	MIKE TREIT	KB7QOP	549-2399
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COMPOSITOR	KATHLEEN NACE	N0EYK	862-8635
PUBLISHER	W7DK PRESS	N7QHW	265-3661

◆ ◆ ◆

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Modem or mail all articles to Kathleen Nace, N0EYK, 2812 204th Ave.Ct.E., Sumner, WA 98390 or e-mail: kathleen@excell.com. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.88 / .28 MHz	**144.97 - Packet**
147.98 / .38 MHz (pl 103.5)	**441.00 - Packet**
449.175 / 444.175 MHz	**KC7DDA**

New Members

Marlene Harlow, KC7QFE RCT# 1943
PO Box 2410
Gig Harbor, WA 98335-4410 206-265-2701

Dan Hale, KC7IEI RCT# 1942
13013 210th Avenue Ct E
Sumner, WA 98390-1451 360-897-8888

Edwin Isenhart, KC7TVS RCT# 1945
Wendy Isenhart, KC7TVT RCT# 1946
2605 N Warner St
Tacoma, WA 98407-6256 206-752-6100

Michael H Haas, KE6GEQ RCT# 1947
12812 109th Avenue Ct E #C
Puyallup, WA 98374-5600 206-445-8915

Stephanie Collier, KC7RPE RCT# 1948
10820 Burton Rd
Anderson Island, WA 98303-9625 206-884-1729

Sonnia Dailey, N7NGJ RCT# 1949
6917 170th Ave KP N
Vaughn, WA 98374-9748 206-884-4405

Mick C Pier, KC7TVM RCT# 1950
908 187th St E
Spanaway, WA 98387-7917 206-847-8223

Mike Piechowski, KC7UFV RCT# 1951
125 SW Campus Dr Apt 5-104
Federal Way, WA 98023-8315 206-927-4074

Reinstatements

William C(Bill) Brown, N7TEQ RCT # 1390
PO Box 2410
Gig Harbor, WA 98335-4410 206-265-2701

Gene Rivers, N7CKA RCT# 1944
2801 N Narrows Dr Apt E1
Tacoma, WA 98407-1446 206-756-1680

Oliver A Larsen, W7WIA RCT# 604
14515 82nd Ave E
Puyallup, WA 98373-6943 206-845-4405

Address/Phone Changes/Corrections

John Campbell, KC7OQN
Phone 206-274-9228

Al Williams, K7PUC
Phone 206-725-9237

George Noble, KB2SSL
Phone 206-756-1127

Dick Marsden, N7RHV
904 E 34th St
Tacoma, WA 98404-3103 206-627-2511

Randy Collier, KC7PLG
10820 Burton Rd
Anderson Island, WA 98303-9625 206-884-1729

Mark M Rhoden, KB7PKD
Change city to University Place

Jim Anderson, KC7MTN
2419 Jahn Ave NW #Space-24
Gig Harbor, WA 98335-7924

Edwin F Bradek, KA7HZH
Correct phone is 206-824-3854

Robert Johnson, KB7MRZ
Phone 206-677-4145

New Calls

L Jake Jones, was KC7GQC and is now KK7CI and he upgraded to ADVANCED.

Robert Cook, was KB7YTH and is now AB7TW and he upgraded to AMATEUR EXTRA.

Christel Cook, KC7UFL, newly licensed TECHNICIAN

SECOND BYTE
NEW & USED MS-DOS COMPUTERS
ACCESSORIES,
PERIPHERALS,
AND UPGRADES
N7ARO
Roy Richards
642 NE Woods Ct.
Bremerton, WA 98311
Voice/Fax: (360) 479-2619
E-mail: 2ndbyte@kendaco.telebyte.com

ACCIDENT & BODILY INJURY
LAW OFFICES OF
DOUGLAS K. SMITH, P.S.
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(800) 585-8500
AJ7Y
DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409

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Federal Way, WA 98023
(206) 838-2620

Silent Keys

Dean Gibbons, K7WUO	RCT # 742
Donald Allen, N7JIS	RCT # 1226

MORE ARRL NEWS

Rare memorabilia from the collection Guglielmo Marconi, the man usually credited with the invention of practical wireless, will go on the auction block in London this spring. The two-day sale is expected to fetch approximately $1.6 million. Sale proceeds will go to "Marconi Days," a new educational initiative that will train up to 1000 electronics teachers each year. The collection comprises an important cross section of early equipment and experiments as well as important technical, business, and personal papers.

The High Frequency Active Auroral Research Program (HAARP) facility in Gakona, Alaska, will transmit a test signal on March 8, 1997, seeking reports from hams and SWLers to determine how well the HAARP transmissions can be heard. The frequencies for the test will be on or near 3.4 MHz and 6.99 MHz. The test will be conducted beginning at 0430 UTC on March 8 (2030 PST on March 7). The format will be a constant carrier signal followed by a CW message at 10 WPM, from 0430 to 0445 UTC near 6.99 MHz, and a CW message at 0455 UTC near 3.4 MHz. QSL cards must include the signal strength of the carrier along with the text of the CW message. The QSL address and other details can be found on the HAARP home page at http://server5550.itd.nrl.navy.mil/announce.html. More information about the HAARP program can be found in the September, 1996, issue of QST, page 33.

The FCC has a new toll-free (WATS) number for Amateur Radio license inquiries and inquiries about call signs. The new number, 888-225-5322, will connect callers to the FCC's Consumer Information Bureau.

Information about antenna and lightning safety can be found on the Web. Guidelines are primarily aimed at commercial stations, but much information is useful to hams. The Web address is http://wagatv.com/ENG/ (this address is case sensitive).

Effective February 21, 1997, the FCC no longer will distribute date-of-birth information as a part of its Amateur Radio license data. The field has been physically removed from the data stream. Most call sign lookup systems will be affected by this change.

ARES/RACES

ARES/RACES

Here it is, SPRING approaching. This brings a very busy time for public service with support of parades, runs and walks. Lots of amateur radio operators are needed to support these functions so PLEEEEZ!!! volunteer. Contact Alan, KB7SVU, at RCT meetings or at 206-840-4947. If we have lots of volunteers, then not any one person gets overloaded.

Remember, check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan, Bob or Shirley (info at the end of the article).

Also, find out which Fire District and Fire Zone you are in and let us know. Volunteers are still needed for manager positions, contact Alan or Bob to volunteer.

Just a few words from the *Emergency Preparedness Brochure* on our Utilities.

UTILITIES

Gas

- Locate your gas meter shutoff valve and learn how to turn the gas off.
- If you suspect the shutoff valve may be corroded and not working properly, call your utility company for an operational check of the valve.
- Ensure a wrench is immediately available for turning the gas meter off in an emergency.
- If you smell natural gas, get everyone out and away from the home immediately. Do not use matches, lighter, open flame appliances or operate electrical switches. Sparks could ignite gas causing an explosion.
- Shut off the gas ONLY if you smell gas and cannot locate the leak. Let the gas company turn the gas back on.
- Seek the assistance of a plumber to repair gas pipe damage.

Sewer

- Your sewer system could be damaged in a disaster such as an earthquake, landslide or flood. Make sure the system is functioning as designed before using it to prevent contamination of your home and possibly the drinking water supply.
- Have a bucket or portable toilet available for disposing of human waste. Plastic bags placed in the toilet bowl will also work.

N7QHW

Electricity

- Locate your main electrical switch fuse panel and learn how to turn electrical power off.
- Remember, electrical sparks can cau a fire or explosion.
- If you are using a generator as a back power supply remember to: follow generator manufacturer's instructio connect lights and appliances directly the generator and not the electrical s tem.
- (Generators connected to a utility co pany's electrical system must be spected by the utility and the state el trical inspector. Failure to have the s tem inspected may result in death injury to utility crews trying to rest service to the area)

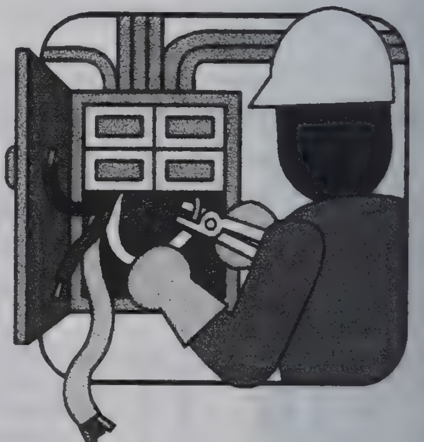
Water

- Label the water shut off valve and lea to turn off the water supply to yo home.
- Identify the valve with a large tag.
- Ensure valve can be fully turned off. the water valve requires the use o special tool, make sure the tool is rea ily available.
- Shut off the main valve to prevent co tamination of the water supply in yo water heater and plumbing.

If you have not joined ARES/RACES and wo like to, contact Alan, KB7SVU, at 840-4947 or B KB7NBQ, at 875-0577 or see Shirley, N7QHW, at a Radio Club meeting for an application.

Coming soon---a few words on Hazardous Ma rials.

73 Shirley, N7QHW



❋ FROM THE BARK 20 YEARS AGO ❋

MARCH 1977

de W7BUN

The Club's new alarm system will be operational this month. Also, installed at the clubhouse, was a large bulletin board for QSL cards. 74 people attended the Club's annual banquet, but Jack, WB7AJR, Club President, was absent - on a camping trip with his daughter. At the banquet, the Doc Spike Inspiration Award was presented to Marv Wheeler, WB7ONX (now KG7V). The Women's Auxiliary sponsored a pot luck and skating party. 22 adults and 22 juniors attended.

The FCC has released a proposal to ban all commercially built linear amplifiers from operating in the 24 to 35 MHz range. Also being proposed is the requirement of type acceptance of all amateur transmitting equipment. These restrictions are necessary because of the extensive use of amateur gear by CBers.

Editor's Notes

de N0EYK

E-Mail address:
N0EYK@excell.com
or kathleen@excell.com

GREETINGS FROM DEEP EAST TEXAS AND THE PINEY WOODS!

Roger and I have been camped for the last 4 weeks near the east Texas town of Nacogdoches. Our new home on wheels has taken shape over the last 3 1/2 weeks and we went on the first test drive on the 21st. For those of you who have Internet capabilities, our home page is beginning to grow with the story of our motor home build. Check **http://excellnet.excell.com/~rnace** It has been a very exciting time to be here while the motor home has taken on life.

I have been trying to find the origins of the name Nacogdoches (na ka DOE chess). It is an old Indian name, from a tribe with no written language. So the history is a story passed through the generations. Long ago a Caddo chief had 2 sons, Natchitoches and Nacogdoches. At the chief,s death, the 2 sons and their families were to march 3 days, one to the east, the other to the west, and make new homes. Nacogdoches became the father of the Tejas (meaning friend in Hasinai) tribe. The 2 tribes were far enough apart that the hunting-grounds did not overlap and they lived under friendly terms for centuries. Nacogdoches was first visited by a non-native in 1528, when a Spanish explorer became lost on the coast and was taken prisoner by a tribe of Indians who traveled east Texas. De Soto came west to Nacogdoches and spent the winter of 1541-42 here in the well-settled, hospitable Indian town.

Today, Nacogdoches is a prosperous town of 32,000 residents. There is a lot of logging (clear cutting isn't any prettier here!) and timber-related industries, chicken ranching (Tyson has a big plant locally), as well as agribusiness of many types. Stephen F. Austin State University , with an enrollment of over 12,000 students, is located here, contributing to the cultural climate and sports events of the area. The area has lots of water sports and sport fishing, with Lake Sam Rayburn nearby.

The overt friendliness of the people is remarkable. Everyone is interested and we have been taken in and welcomed to the community by the natives. Needless to say, we are enjoying our stay and plan to make return visits.

With the current schedule, we should be heading west by mid-March and back in Washington by mid-April. Receiving BARK materials by E-Mail is working well, and if the post office is as kind with Priority Mail, we will be in great shape. I will be back in the Phoenix area at publication time for the April BARK and will be looking for articles and other items for publication on or after March 15th. Thanks again to Nora, KC7JME, and the mailing crew for all their help in making this all happen.

See you next month! 73, Kathleen

PINOCHLE

2 gatherings each month

Pinochle & Potluck - 7PM
1st Saturday of the Month
Ladies Pinochle - 12 Noon
4th Monday of the Month
Both gatherings at the Clubhouse.

Amateur Radio Exams

in the Puget Sound Region as of May, 1996

1st Tuesday - 7 PM - **Puyallup** Fire Station, 128th St. one block west of Meridian, Puyallup - Contact Mike Horbul, KI7YB, 845-2545.

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, **Kent** - Contact Burt Mendez, KB7ZCW, 824-2785, Seattle

2nd Tuesday - 6:30 PM - **Everett** - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clubhouse - Contact Shirley Murphy, N7QHW, 265-3661

2nd & 4th Thursdays - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - **Auburn** - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave - next session - September 21 - Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

◊ News from the ARRL ◊

de Jerry, W7BUN

W7BUN

ARRL members will be asked to comment on sweeping, and potentially controversial, changes to the Amateur Radio licensing structure in the US. Open for discussion and debate are proposals that include: elimination of the Novice license; creation of a new Intermediate license to replace the Technician Plus; expanded HF pri leges for Intermediate licensees, including phone 160, 75, and 15 meters; a 10-wpm General CW te (with more stringent testing standards for all C exams); and expanded phone privileges f General-class and higher licensees. Details of th plan will appear in March QST and no action will taken until the July Board of Directors meetin Right now these changes are only in the talki stages. There is no policy set and nothing has bee proposed to, or by, the FCC. If the membersh endorses any of these changes, the ARRL wou then approach the FCC with a rulemaking propos - a process that automatically invites additional cor ments and suggestions.

COMMENTS NEEDED BY MARCH 4! Cor mercial satellite interests seeking additional spe trum below 1 GHz -- including amateur allocations 146 and 430 MHz -- now have added 220 MHz their wish list. The latest proposal by Little LE (low-earth orbiting satellite) interests affect amate allocations in the 219 to 225 MHz segment. ARF and AMSAT (Amateur Radio Satellite Corporatio oppose this use of the current amateur bands whi could become part of the US position at WRC- (World Radio Conference affecting the entire rad spectrum to be held in 1997).

Continued on next pag

Radio Club of Tacoma License Exams

MARCH 11, 1997

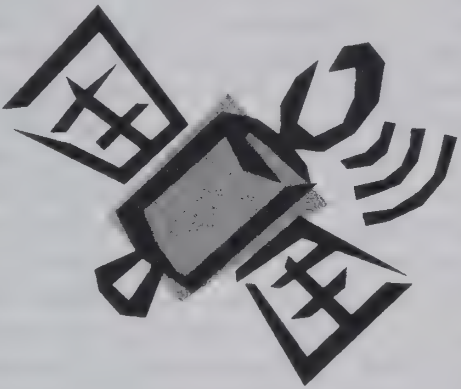
7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID pen, pencil/eraser, calculator, and a check made out to ARRL/VEC for $6.25. For information call:

Bill Shimmin, W7GBC, at (206)584-1086

If you wish to support the ARRL/AMSAT submission, send a brief e-mail message to: wrc97@fccgov.com. The subject line should say Reference No. ISP-96-005 IWG-2A. A simple statement to this effect, "I support the ARRL/AMSAT opposition to the NVNG MSS flexible allocation proposal" will be included in the public record and will help drive home the point that there is broad-based opposition to these industry proposals. Note that these are not FCC proposals.They are industry proposals, and the FCC will not adopt them if there is broad citizen opposition. Comments must reach the FCC no later than March 4, 1997.



Help protect ham frequencies! Make your voice heard!

The FCC office in Gettysburg, Pennsylvania, has started processing vanity call sign applications again. Over 2400 applications were received from December 1, 1996, through February 5, 1997. Slightly more than half managed to successfully snag one of their call sign choices. There is still no word when the FCC plans to open Gate 3.

In a Public Notice on February 13, the FCC has made it clear that it is illegal for manufacturers or dealers to manufacture or modify scanning receivers to enable reception on cellular telephone frequencies. An Indiana firm has been fined $20,000 for selling scanners capable of receiving cellular telephone frequencies.

Great Britain has authorized a 73 kHz amateur band. A record of 575 feet has been claimed for a two-way contact.

Call signs assigned as of February 3, 1997, include AB7UB, KK7EY, and KC7UJI.

The test fee charged by ARRL VEs will be $6.25 for 1997. New Novice and Technician (Elements 2 and 3A) question pools will become effective July1, 1997. Included in these new pools will be five additional exam questions concerning RD safety. A copy of these pools can be downloaded from the ARRL info server (info@arrl.org).

The FCC has stopped sending license renewal notices, so the ARRL has decided to resume this popular member service. Members whose ham tickets are about to expire will receive an FCC Form 610 and an FCC addressed envelope.

The Heard Island VK0IR DXpedition set a new record. The team left the island January 29 after racking up over 80,000 contacts. Previous DXpedition QSO records were the 1992 4J1FS DXpedition which made almost 74,500 QSOs in 15 days, and the ZA1A DXpedition which made 69,500 QSOs.

California businessman Gordon S. Marshall, W6RR -- who credits ham radio for sparking his interest in electronics -- is donating $35 million to the University of Southern California's School of Business. Marshall, 77, graduated from USC and founded Marshall Industries in El Monte, California, in the 1950s. In recognition of Marshall's largesse, USC has renamed the business school after him. Some of the money will go to new programs, including one that will send all 258 first-year MBA students to study abroad. (Editor's note: Gordon Marshall, W6RR, now resides at Hansville, Washington, adjacent to W7RM's previous QTH. His custom-built home is on a 200' bluff overlooking Puget Sound. He has a 200' tall "Big Bertha" rotating non guyed tubular tower with multiple stacks of HF beams. 60 gallons of oil lubricate the underground thrust bearing. The ham shack has a separate electrical service, and features a huge semicircular desk facing a full-wall picture window looking out over the water. When you visit the ham shack, you'll sink about 3" into a pure white carpet!)

Au revoir, CW! French maritime radio authorities phased out the use of Morse code on January 31, after 93 years, in favor of newer technology. The US Coast Guard abandoned CW two years ago.

MINUTES

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING
JANUARY 22, 1997

The Radio Club of Tacoma meeting was called to order at 7:30 PM by President, Mike Crawford, WB7DFQ. Nora Simmons, KC7JME, led the club in the pledge of allegiance. After introductions, two visitors, Gene, N7CKA, and Bill, KC7?II, were welcomed, as was Mark, KC7TUP, a club member attending his first meeting. Congratulations to new HAM Christel, KC7UFL, and Bob, AB7TW, who upgraded to extra.

TREASURER'S REPORT: The report shows a bank balance of $22,277.40, and 308 paid members so far for 1997.

HEALTH AND WELFARE: It was reported that Jerry Seligman, W7BUN, and Jim Kirkreit, K7YLM, are still out seriously ill. Shirley, N7QHW, and Orv, N7GSR, are both recovering from surgery. We pray for a speedy recovery and hope to see them soon.

PROGRAM: The program this evening, introduced by Bill, W7GBC, was an ARRL video "HAMS IN SPACE" It was a very interesting video showing how astronauts communicate with hams on earth using a variety of methods. After the video, Russell, KJ7YP, told how he had contacted the space shuttle.

ARROWS: Nora, KC7JME, said the BARK will be assembled at the club house on January 31st.

"DK AT THE BEACH": The first event of the year will be "DK AT THE BEACH" which will be at Owens Beach again this year. No time has been set.

TESTING AND CLASSES: Bill, W7GBC, announced that 35 people attended the weekend class for the no code Tech license. Twenty-five came back and took the test on Tuesday. Twenty-four passed. The person that did not pass was only in class one day.

GOOD OF THE ORDER: Thanks to Art Ives, AA7EO, for fixing the club house ramp and stairs.

Attendance: 51

The meeting was adjourned at 8:35 PM.

Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
FEBRUARY 5, 1997

The Radio club Board of Directors meeting w
called to order at 7:37 PM by President Mike Cra
ford, WB7DFQ. All club officers were present exce
Bill Shimmin, W7GBC. All Board members, repr
senting a quorum, and nine guests were present.

SECRETARY'S REPORT & CORRESPONDENC

Minutes of the last meeting were approved
printed in the Bark. The city of Tacoma notified
that they will be doing smoke testing of the sew
system within the next week. We received
Newsletter for Amateur Radio Clubs, "KENWO
REPORT". A copy is posted on the club hou
bulletin board. W7DK received an Achieveme
Award certificate from The Western Washington
Club, Inc. for 1st Place, Washington Club Catego
in the 1996 Washington Salmon Run. RCT receiv
flyer's reminding us of the upcoming Mike & Key fl
market on March 8th at the Puyallup fair ground
We were also encouraged to continue our particip
tion with a W7DK club informational table. Ala
KB7SVU, suggests that there should be at least
people to man the booth. Flyer's from SCARC fl
market in Stanwood on May 10, 1997 were al
received. W7DK received it's 10-10 #, and posted
in the Club's radio room, for reference.

TREASURER'S REPORT: Treasurer's report
approved.

GENERAL FUND CHECKING	$2,361.8
REPEATER FUND CHECKING	326.0
PACKET FUND CHECKING	500.0
FLEA MARKET CHECKING	500.0
MONEY MARKET SAVINGS	14,996.5
SCHOLARSHIP WORKING FUND	700.0
SCHOLARSHIP MEMORIAL FUND	2,796.3
FENCE FUND	78.3
AVAILABLE CASH	11.5
TOTAL ALL ACCOUNTS	$22,270.6

There are 324 1997 members

COMMITTEE REPORTS:

OLD BUSINESS: Shirley, N7QHW, was given pe
mission to start accepting orders for Club jacke
Russell, KJ7YP, ask about the progress of havi
belt buckles made? Jerry, W7BUN, said the pers
who was supposed to be doing it had not followe
through, Jerry has information if anyone wants
pursue the project.

The chairman for the RCT flea market has resigne
and Mike, WB7DFQ, is looking for a replaceme
We need someone soon if there is to be a fl
market (the clubs fund raiser). Alan, KB7SVU, sa
he will help.

The roof repair still has not been resolved, and the possibility of club members doing it is still under consideration.

The question of QSL cards was brought up again. It was suggested that if the club can not provide QSL cards for club events, perhaps we should not do the events. Some events, such as, Mt. St. Helens, has such a small participation, it may not be cost effective.

The need for shelves in the clubs Museum to hold equipment was discussed, as was, the need to get the antennas back up and operating. There is still no date for "DK at the Beach."

NEW BUSINESS: Jerry, W7BUN, ask about an awards banquet for the installation of new officers, and presentation of awards. Mike, WB7DFQ, suggested the possibility of combining the Christmas Party and Awards Banquet. No decision was made.

A motion was made to pay the 1997 dues for Eve Anderson, WB7QNS, for her contributions to the "Sunshine Club" The motion was second and passed.

Jerry, W7BUN, ask for and received permission to buy a training video for use by the club. He also, questioned the possibility of procuring narrower tables for use in the club house. The current tables take up to much room.

Russell, KJ7YP, will check on some new carpet for the downstairs of the club house.

ADJOURNMENT: The meeting was adjourned at 8:45 PM.

Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

JOIN IN CLUB
ACTIVITIES!

SPECIAL
SERVICE
CLUB

AMATEUR RADIO
Friendships
around the world!

FOR SALE

*Kenwood TS-520S (with CW FILTER)	$400
Matching speaker	$50
*KENWOOD DG-5 DIGITAL DISPLAY	$100
AT-200 KENWOOD ANTENNA TUNER	$100
MC-50 MIKE	$50
MFJ ANTENNA TUNER 300 WATT #949E -New	$130

* THESE ITEMS GO TOGETHER - NOT SOLD SEPARATELY>

CONTACT JACK, W7IMW @ 564-3997

TECHNICAL TERMS

Banana jack:	Tool used by monkeys to lift tropical fruit
Crosstalk:	What you get when you sit between two good friends at a club meeting
Hertz:	Getting your mustache caught in a pop-top
Loaded cable:	One that runs through a puddle at the distillery
Outgoing trunks:	Swim suit lost in the outgoing tide
Port A/Port B:	Similar beverages at a low-class diner
T-Carrier:	A participant at the Boston Tea Party
Transmission test:	A procedure performed on the family auto by teenage son

(tnx WA5TSU via ARNS)

CHECK IT OUT! **RCT Web Page: www.mashell.com/~roblee/rct.htm**

4/97

APR
1997

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

ADDRESS CORRECTION REQUESTED

NON PROFIT ORG.
U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

COMING EVENTS

APRIL 2 - Board Meeting at the Clubhouse - 7:30 PM - All members are welcome.

APRIL 5 - 6 - MARAC SSB County Hunters Contest

APRIL 5 - Pinochle Potluck - 7 PM for Potluck, 7:30 PM for cards.

APRIL 8 - License Exams - 7 PM - at the Clubhouse

APRIL 9 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM
Program: >Check the Tuesday night net for announcements.<

APRIL 10 - 12 - DXYL-NAYL CW Contest

APRIL 15 - BARK deadline (Early is OK!)

APRIL 23 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM
Program: >Check the Tuesday night net for announcements.<

APRIL 24 - 26 - DXYL-NAYL Phone Contest

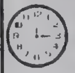
APRIL 28 - Ladies Pinochle - Noon at the Clubhouse

Be listening to the weekly W7DK Net for more information on programs and other events, like 'DK AT THE BEACH'.

April showers bring...

April 1997

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 **7:30 PM RCT NET 147.28R** *NORA KC7JME APRIL FOOL'S	2 **7:30 PM RCT BOARD MTG** *MIKE N7QNR *STEF KB7PKF	3 *JAMES WT7Y *JEFFREY WB7NND	4 *DOROTHY *ORVAL N7GSR *STEPHEN KC7EUB	5 **6:00 PM PINOCHLE POTLUCK** *BILL KI7YK *JIM KC7HDQ
6 *JOHN W7RFM *LLOYD W7LUI  DST SPRING FORWARD	7 *CARL KC7LBE *MIKE KB7UXU *TAM KC7BAC NEW MOON	8 **7:00 PM RCT LICENSE EXAMS** **7:30 PM RCT NET 147.28R** *DENNIS KC7OUY	9 **7:30 PM RCT GENERAL MTG LIBRARY 112 E & WALLER RD** *HARRY N7DOE	10 *DOUG KC7HIJ *RICH WB7PYS	11 *BOB WA7ZZA	12 *MILTON N7ZWS
13 *LEE W6PZF	14 *HAP KB7UXD **BARK DEADLINE APRIL 15**	15 **7:00 PM MVWS VE EXAMS** **7:30 PM RCT NET 147.28R** *JOE WZ7M	16 **7:00 PM ARES/RACES MTG–TACID BLDG** *BOB KB7SWW *JERRY K7ETU	17 *JAMES N7YFO	18 APRIL SHOWERS	19 *JOHN N7FOW *ROBERT W7RXS
20 *GEORGE N7KYM *MICK KC7TVM	21 *BILL W7KT *PAT N7CAK	22 **7:30 PM RCT NET 147.28R** *DOROTHY K7JQA *JOHN KC7FGG FULL MOON	23 **7:30 PM RCT GENERAL MTG LIBRARY 112 E & WALLER RD** *CHANDLER KC7EYZ	24	25 *ROBERT K7IND	26 **6:00 PM AWARDS POTLUCK** *OWEN KB7UXP
27 *DANIEL KC7MNY *ROBERT N7HXX *SCOTT KC7OKN	28 **12:00 PM CLUBHOUSE LADIES PINOCHLE** *ED KC7BAI *MERTON KA7NRA	29 **7:30 PM RCT NET 147.28R**	30 *LARRY KD6TKY *ROD N7YQT *TOM N7LTI			

March 1997

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May 1997

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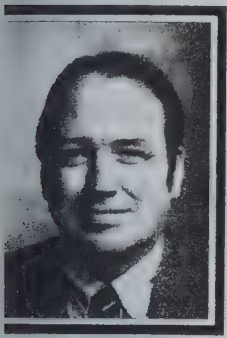
THE LOGGER'S BARK

RADIO CLUB W7DK OF TACOMA

/OL. XXXIV NR. 4 W7DK APRIL 1997



WB7DFQ

FROM THE PRESIDENT

The Editor is giving the President this month off. We look forward to next month's article.

COMING HAM FESTS

Apr. 5 Lilac City ARC Swapfest, Spokane, WA
Apr. 19 Lewiston-Clarkston Hamfest
Apr. 26 Clark County Fleamarket, Vancouver, WA
Apr. 26 Umpqua Valley ARC, Roseburg, OR
May 3 Keno ARC, Klamath Falls, OR
May 10 Snake River ARC, Caldwell,ID
May 10 Stanwood-Camano Is. Hamfest, Stanwood, WA
May 10 Portland ARC Fleamarket
May 17-18 Yakima Hamfest, Selah, WA
May 30-June 1 Wenatchee Hamfest, Wenatchee, WA

DK at the Beach
COMING SOON
Check at meetings and on the Net.

▶ **ARRL NEWS** - Page 6

▶ **AWARDS POTLUCK** - Page 3

▶▶▶ *ADDRESS CHANGES* ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail.

Send changes to: Radio Club of Tacoma,
PO Box 11188, Tacoma, WA 98411-0188
or give them to the club treasurer at any club meeting.

RADIO CLUB OF TACOMA -- 1997

PRESIDENT	MIKE CRAWFORD	WB7DFQ	531-4789
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
SECRETARY	CARL GLIMPSE	N7UDP	845-7966
TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
BOARD (5)	MIKE COMPTON	KB7ZDR	535-5144
	RUSSELL FOSTER	KJ7YP	473-6614
	DAN KELLY	N7QWH	535-2622
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PUBLISHER	W7DK PRESS	N7QHW	265-3661

◆ ◆ ◆

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Modem or mail all articles to Kathleen Nace, NØEYK, 2812 204th Ave.Ct.E., Sumner, WA 98390 or e-mail: kathleen@excell.com. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

***THE LOGGER'S BARK*, OFFICIAL PUBLICATION OF THE RADIO CLUB OF TACOMA, IS PUBLISHED MONTHLY BY W7DK PRESS, PO BOX 11188 TACOMA, WA 98411. THE PUBLICATION IS MAILED FROM TACOMA, WA, 98411 UNDER 3rd CLASS BULK, NON-PROFIT ORGANIZATION, US. POSTAGE PAID TACOMA, WA. PERMIT #1078.**

POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to

W7DK/Radio Club of Tacoma

147.88 / .28 MHz 144.97 - Packet
147.98 / .38 MHz (pl 103.5) 441.00 - Packet
449.175 / 444.175 MHz KC7DDA

New Members

Ken Castile, KC7UHG RCT #195
21210 23rd Street Ct E
Sumner, WA 98390-9370 206-862-619

Marcel Malden, KC7UPV RCT#195
4139 N Madrona Way
Tacoma, WA 98407-5714 206-759-073

Kirk Schroll, KC7UFY RCT #195
12816 130th Street Ct E
Puyallup, WA 98374-2900 206-845-564

George S Coleman, KC7UFK RCT #195
10529 Sheldon Rd SE
Olympia, WA 98501-9743 360-705-182

Lee Webb, KC7VAA RCT #195
PO Box 497
Yelm, WA 98597-0497 360-458-718

Bryan Zimbelman, KB7PZW RCT #196
19917 127th Street Ct E
Sumner, WA 98390-5414 206-891-207

Wm Harry Howell, KB7WYO RCT #195
Mary L Howell, KB7WYP RCT #1958
1720 165th Street Ct E
Spanaway, WA 98387-5543 206-531-892

Dan Ocken, N7LSO RCT #195
12504 C St S
Tacoma, WA 98444-1931 206-531-823

Kellie Smith, KC7UHI RCT #196
PO Box 11252
Olympia, WA 98508-1252 Phone Unknow

Robert W(Bob) Pensworth, KC7HIR RCT #196
PO Box 9505
Tacoma, WA 98409-0505 206-475-795

Reinstatements

Jack Braucht, N7WOI RCT #150
4914 Pacific Hwy E
Fife, WA 98424-2609 206-927-066

Address/Phone Changes/Corrections

John W Currie, WB7ARK
3568 E Grandview Ave
Tacoma, WA 98404-5368 Phone Unknow

Daniel A Smith Sr, N7VXJ
Address unknown

New Calls

George Noble, was KB2SSL, upgraded to Advance and is now KK7FM .

Silent Keys

Alex Braidwood, W7AZR RCT #26
Donald Allen, N7JIS RCT #122

WANTED!

KENWOOD AT-230
ANTENNA TUNER
Jack, W7IMW
206-564-3997

SECOND BYTE
NEW & USED MS-DOS COMPUTERS
ACCESSORIES,
PERIPHERALS,
AND UPGRADES
N7ARO
Roy Richards
642 NE Woods Ct.
Bremerton, WA 98311
Voice/Fax: (360) 479-2619
E-mail: 2ndbyte@kendaco.telebyte.com

ACCIDENT & BODILY INJURY
LAW OFFICES OF
DOUGLAS K. SMITH, P.S.
(206) 471-1000
(800) 585-8500
AJ7Y

DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409

Just Relax!!
This feels so good!
Natural Alternative
Massage Therapy
W7RFM
John E. Hirsch LMP
2124 SW 336th St.
Federal Way, WA 98023
(206) 838-2620

HEAR YE! HEAR YE!

***Attention all members** of the Radio Club of Tacoma.*

The first annual **Awards Potluck** will be held on **April 26th at 6 P.M.** at the **T.A.C.I.D. building** at 6315 So. 19th St. next to Tacoma Community College. Come as you are, bring a hot dish or a salad and bring a guest. This will be a fun and social get-together for all of us and a chance to know each other better. There will be several nice door prizes. If you have any questions, please call me at 845-8346. Hope to see all of you there. Chairman, Marilyn, KJ7BN

COME JOIN THE FUN!

ARES/RACES

SPRING is here and with it brings this very busy time for public service support of parades, runs and walks. Some of them are MS walk, Daffodil Parade, Sound to Narrows, March of Dimes walk, and Gig Harbor Parade. Lots of amateur radio operators are needed to support these functions so PLEEEEZ!!! volunteer. Contact Alan, KB7SVU, at RCT meetings or at 206-840-4947. If we have lots of volunteers, then not any one person gets overloaded.

Remember, check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan, Bob or Shirley (info at the end of the article). Also, find out which Fire District and Fire Zone you are in and let us know. Volunteers are still needed for manager positions, contact Alan or Bob to volunteer.

N7QHW

Just a few words from the Emergency Preparedness Brochure on our HAZARDOUS MATERIAL ACCIDENTS.

HAZARDOUS MATERIAL ACCIDENTS

Getting Prepared

- Ask your local fire department about emergency warning procedures.
- Find out precise information about where reportable quantities of extremely hazardous substances are stored and where they are used.
- Ask your Local Emergency Planning Committee (LEPC) about community plans for responding to hazardous material accidents.
- Determine how close you are to freeways, railroads or factories which may produce or transport toxic materials.
- Be prepared to evacuate.
- Have materials available to seal off your residence from airborne contamination.

Responding to a Hazardous Material Incident

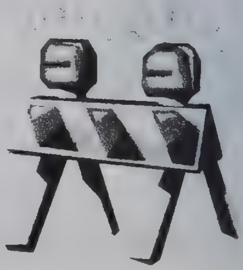
- If you are a witness--call 911 or your local fire department.
- If you hear a warning signal--listen to local radio or television stations for further information. Follow all instructions.
- Stay away from the incident site to minimize the risk of contamination.
- If caught outside--stay upstream, uphill or upwind. Try to go one-half mile (10 city blocks) from the danger area.
- If you are in a car--close windows and shut off ventilation.
- Evacuate if told to do so.
- If local officials say there is time, close all windows, shut vents and turn off at fans and other ventilation systems minimize contamination.
- To reduce the possibility of tox vapors entering your home, seal entry routes as efficiently as possibl
- If an explosion is imminent--clos drapes, curtains and shades.
- If you suspect gas or vap contamination--take shallow breat through a cloth or towel.
- Avoid contact with any spilled li uid materials, airborne mist or co densed solid chemical deposits.
- Do not eat or drink any food water that may have been contam nated.

After a Hazardous Materials Incident

- Seek medical help for unusu symptoms.
- If medical help is not immediate available and you suspe contamination--remove all clothir and shower thoroughly.
- Place exposed clothing and shoe in tightly sealed containers witho allowing them to contact other mat rials: get directions for proper di posal.
- Advise others of your possible co tamination.
- Get direction from local authoritie on how to clean up your land ar property.
- Return home only when directed do so.
- Upon returning home, ventilate th house.
- Report lingering vapors or oth hazards.

If you have not joined ARES/RACES and wou like to, contact Alan, KB7SVU, at 840-4947 or Bo KB7NBQ at 875-0577 or see Shirley, N7QHW, at ar Radio Club meeting for an application.

73, Shirley, N7QHW



❋ FROM THE BARK 20 YEARS AGO ❋

APRIL 1977

de W7BUN

Jerry, we miss you!

AWARDS POTLUCK 26 APRIL 1997, 6 PM

T.A.C.I.D. Building See page 3 for more details.

ANOTHER WEEKEND CLASS IN APRIL

According to the minutes, Bill, W7GBC, and crew are having another concentrated class on April 5th and 6th. PLEASE contact Bill Shimmin, W7GBC, at 584-1086 if you or someone you know is interested n taking the class. The classes do fill up fast.

Thanks to everyone who helps with this effort. Also thanks to those who normally visit the clubhouse on Saturdays for keeping conversation quiet so that the class can go on without interruption.

AMATEUR RADIO
Friendships
around the world!

Editor's Notes

de NØEYK

E-Mail address:
NØEYK@excell.com
or knace@excell.com

GREETINGS FROM SUNNY ARIZONA!

Roger and I are working our way slowly back to the NW. Our new home on wheels is doing very well and we should be back around the middle of April. Please get your articles submitted via E-Mail by the 15th.

I hope that Jerry, W7BUN, is doing better. Also hope that Jim, K7YLM, is getting along OK. Please keep in touch with these folks who can't be with us all the time.

Looking forward to being back and seeing all of you.

73 til next month.

Kathleen, NØEYK

PINOCHLE

2 gatherings each month

Pinochle & Potluck - 7PM
1st Saturday of the Month
Ladies Pinochle - 12 Noon
4th Monday of the Month
Both gatherings at the Clubhouse.

Amateur Radio Exams

in the Puget Sound Region as of May, 1996

1st Tuesday - 7 PM - **Puyallup** Fire Station, 128th St. one block west of Meridian, Puyallup - Contact Mike Horbul, KI7YB, 845-2545.

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, **Kent** - Contact Burt Mendez, KB7ZCW, 824-2785, Seattle

2nd Tuesday - 6:30 PM - **Everett** - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clubhouse - Contact Shirley Murphy, N7QHW, 265-3661

2nd & 4th Thursdays - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - **Auburn** - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave - next session - September 21 - Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

◇ News from the ARRL

de Jerry, W7BUN

W7BUN

Gleened from the Internet by K8RN:

Hams pitched in to volunteer as storms and floods hit several states in recent days. As severe storms were spotted across parts of the southern US, hams activated Skywarn nets to aid the National Weather Service in tracking the systems.

Proposals by the low-Earth-orbiting satellite industry--the so-called "Little LEOs"--to share spe trum with Amateur Radio at 146, 220 and 440 MH were among those turned in this week to the FCC advisory committee that's planning for WRC-97. The ARRL and AMSAT were among those object ing.

A new Russian Amateur Radio satellite--designat RS-16--has been launched from the Svobodny Cosmodrome as part of a Zeya satellite package. RS-16 reportedly has an average orbital altitude o 276 miles, producing a footprint some 2000 miles diameter on Earth. Beacon frequencies are 29.40 29.451, 435.504 and 435.548 MHz.

Responding to a petition for rulemaking from the ARRL, the FCC has proposed to adopt changes i its Amateur Service rules governing spread spectrum. The League's December 1995 petition aske the FCC to relax its rules to give Amateur Radio more opportunities to contribute to the developme of spread spectrum techniques.

Continued on next pag

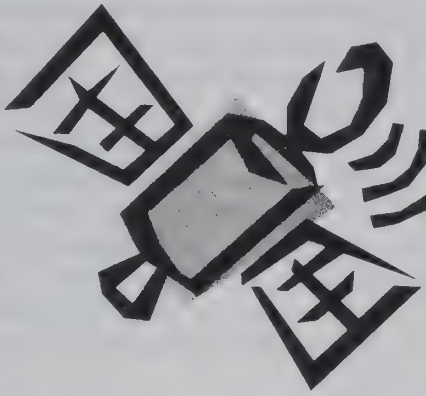
Radio Club of Tacoma License Exam

APRIL 8, 1997

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo I pen, pencil/eraser, calculator, and a check made out t ARRL/VEC for $6.25. For information call:
Shirley Murphy, N7QHW, at (206)265-3661

If enacted, The Amateur Radio Volunteer Services Act of 1997 (HR 1013) would place volunteers in the Volunteer Examination Program and the Amateur Auxiliary under the protections of the Federal Tort Claims Act by affording them the same legal protections as employees of the Federal Government while they're carrying out such volunteer duties. You need to write your Representative to encourage their support.



The FCC won't be authorizing any more 1x1 Amateur Radio call signs any ime soon.

Advanced Electronic Applications (AEA) has closed deals to sell its product lines o two other companies, but the AEA name will live on. AEA's line of antennas, antenna analyzers and cable-testing equipment was sold to Tempo Research of Vista, California. Tempo will handle all technical support, warranty and after-warranty service and plans to produce the products in the antenna, antenna analyzer and cable-testing line that AEA had been producing before it ceased operation late last year. Timewave Technology of St Paul, Minnesota is buying the rights to all other AEA products, including its digital line. Timewave is in the process of making ne product line transition from AEA to Timewave and hopes to be manufacturing products soon. Timewave also will handle technical support and warranty and after-warranty service for the new product line, which will includes AEA's DSP-232 multimode TNC, introduced last year. Callers to the ormer AEA number are now being directed to either empo or Timewave, as appropriate. Tempo Reearch is at 619-598-9677. Timewave's number is 12-452-5939.

's the end of an era for The Radio Amateur Callook. The comany is phasing out its telephoneook-size paper North American and international ditions in favor of its CD-ROM product. The 1997 Callbook will be the last hard-copy version available. The CD-ROM sells for around $50 and the spring CD-ROM edition of the Callbook will be available at ne Dayton Hamfest.

The ARRL is seeking a change in FCC rules to relax egulations regarding the Amateur Radio Service and the Radio Amateur Civil Emergency Service (RACES). The League wants the FCC to allow hams actively supporting emergency or disaster communication or involved in drills and tests to communicate "between and among" RACES stations and those stations registered with civil defense organizations operating under RACES. The League also wants the FCC to relax time limitations on RACES emergency drills and tests.

Eimac is out of the glass-tube business. The former Eimac glass-tube manufacturing facility has been sold and relocated from Salt Lake City, Utah, to Easton, Pennsylvania. The new company, Triton, moved the former Eimac plant. For now, Triton is manufacturing 46 different Eimac and Westinghouse tube types, including the popular 3-500Z, 4-400A and 4-400C. Right now, Triton does not make the 6146, 572B, 811A or 4-1000A, but the company may tool up to manufacture those tubes in the future. Triton also makes glass tube chimneys and sockets. Hams interested in obtaining small quantities of Triton tubes should contact the company's distributor, Richardson Electronics, Lafox, Illinois; tel 800-323-1770.

MINUTES

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING
FEBRUARY 12, 1997

The Radio Club of Tacoma meeting was called to order at 7:30 PM by President Mike Crawford, WB7DFQ. Following the pledge of allegiance, and introductions, the Club welcomed a new ham, Mike, KC7UFV. Mike was one of the graduates from the concentrated weekend training session. Congratulations were offered to one ham that upgraded to Advanced.

TREASURER'S REPORT:

Shirley, N7QHW, said the current balance of all club funds is $22,277.40. There are 354 paid club memberships in 1997.

CORRESPONDENCE:

The only correspondence were flyers announcing Hamfest and Flea Markets, one from the Mike & Key Club, to be held at the Puyallup Fairgrounds on March 8th (Talk-in frequency of 146.820), and the other from the Stanwood-Cameno Amateur Radio Club. The SCARC's Hamfest and Flea Market will be held at their new location, Stanwood Middle School, on Saturday May the 10th.

PROGRAM: The program this evening, introduced by Bill, W7GBC, is on ATV (Amateur Television). The program was presented by Val, N7VGO. This amateur mode allows hams to transmit TV signals in specified bands. Almost anything can be transmitted, or retransmitted, except those things normally not allowed, such as, commercial programs, music, business stuff, etc.. With help from Chandler, KC7ETZ, Val, N7VGO, was able to bring a live ATV signal to the monitor. There was some difficulty going through the repeater, but other than that the demo was very good. Val also showed a short tape showing other local ATVer's. Mr. Wizard, Lewis Hutton, K7YZZ, and others were featured. Val said, that NASA allowed the taping and rebroadcast of Space Shuttle transmissions, but you need specialized equipment.

COMMITTEE REPORTS:

ARES: Alan, KB7SVU, said there will be a board meeting in the Club house at 7 PM, with the regular meeting to start at 7:30 PM. Bob Tilley, KB7NBQ, will have an interesting presentation. Alan, said is a free seminar on mass casualties at Harbor View Hospital. It will be on Saturday February 15th from 9:00 to 11:00 AM in the center wing, dining room "C". If interested, just show up. They will be using a talk-in frequency of 146.440 simplex.

ARRL: Mike, WB7DFQ, said if you hear anything about changing amateur licensing, don't worry. At this point, it is only talk. It will be some time before the FCC has official proposal.

BARK: Get your BARK articles in by the 15th of t month. Nora, KC7JME, will be doing the BARK maili until Shirley returns. You can E-mail articles directly Kathleen, N0EYK, at the following addres knace@excell.com

TRAINING AND EDUCATION: Bill W7GBC, a nounced there will be another concentrated traini course on March 1st and 2nd. This no code session v be held in the Club house. The class size is limited 25 people. There are 16 people registered to date.

GOOD OF THE ORDER: Mike announced again th the Club still has no chairman for the RCT flea mark He is looking for a volunteer.

Attendance: 50

The meeting was adjourned at 8:46 PM.

Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

JOIN IN CLUB ACTIVITIES!

SPECIAL
SERVICE
CLUB

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING
FEBRUARY 26, 1997

The Radio Club of Tacoma meeting was called to ord at 7:30 PM by President Mike Crawford, WB7DF Following the pledge of allegiance, led by Gen KB7SVX, and introductions, the Club welcomed ne hams, Marcel, KC7UPV, Chuck, KC7UFR, and Ke KC7UHG. All three were graduates of RCT's weeke training session. The club also welcomed Jann Hicks, who has no call yet, and was visiting with h father, Chuck, WY7V.

TREASURER'S REPORT:

Same as last time (funds total $22,277.40 with 3 members).

CORRESPONDENCE:

Flyers announcing Hamfest and Flea Markets ha come, one from the Mike & Key Club, the other fro the Stanwood-Cameno Amateur Radio Club. Mik WB7DFQ, read a letter received from Roger, K8R and Kathleen, N0EYK, who are in Texas watching th new motor home being built. They will return sometin in April.

PROGRAM: Before introducing this evenings progra Bill, W7GBC, said the club was looking for speake more than ideas for upcoming programs. If you have any ideas, please contact Bill Shimmin. The program this evening, introduced by Bill, W7GBC, is a video on packet radio. The RCT does have a packet station which members are invited to come down and try. There are people willing to help.

COMMITTEE REPORTS:

ARES: Alan, KB7SVU, said there is a new frequency for Tuesday's short net. ARES net will be on 147.380 @ 1900 hours. Alan mentioned two events coming that can use volunteers. They are the Fun Run and the Daffodil parade. Contact Alan if you are interested in helping.

ARRL: Jerry, W7BUN, announced their are commercial interests after some HAM frequencies. The ARRL is fighting to save our bands, and Mary Lou Brown, NM7N, will be here March 12th to talk about the situation. We, as HAMs, have to get involved if we don't want to loose frequencies.

AROWS: Nora Simmons, KC7JME, will have a meeting at her house on March 15th.

BARK: The BARK party will be Friday the 28th, starting at 10 AM. Come and help get the BARK out, if you can.

TRAINING AND EDUCATION: Bill, W7GBC, announced there will be another concentrated training course on April 5th & 6th since the March class is already full. This no code session will be held in the Club house. The class size is still limited to 25 people.

GOOD OF THE ORDER: Mike, WB7DFQ, is going to get a committee to study computer usage by club members. What type of computers are in use? What type of programs (ham related) are being used? What kind of help can computer users give to non-users?

Attendance: 56

The meeting was adjourned at 9:02 PM.

Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

CHECK IT OUT! **RCT Web Page: www.mashell.com/~roblee/rct.htm**

DISABLED HAM PLATE PROPOSAL

Fellow Ham,

I am working with State Representative Roger Bush of the 2nd District for the purpose of making an adjustment to Washington state automobile license plates belonging to Hams.

Background:

The FCC will *probably* never create Ham callsigns longer than six characters.

Washington state allows up to seven characters on a license plate.

Purpose:

To create "disabled" automobile license plates for Hams who have permanent disabilities and medically qualify under the present criteria.

My proposal to Mr. Bush:

Use the seventh character for the International Access Symbol (the little wheelchair guy) for those Hams who are permanently disabled.

It is my information that there is precedence as it is presently being done in other states.

In the political arena, **numbers count**. So, please make your thoughts known to both Mr. Bush and your own legislative representative. A copy to me would be nice but not particularly requested.

Address:

Rep. Roger Bush
2nd District State Representative
House of Representatives
PO Box 40600
Olympia, WA 98504-0600

Office: 360-786-7824
Hotline during session: 800-562-6000
TDD: 800-635-9993
e-mail: bush_ro@leg.wa.gov
==================

73,

Jim

W. Jim Sutton WA7PHD
WA State RACES Officer
PO Box 1010
Graham, WA 98338-1010
e-mail:
wa7phd@juno.com
-- or --
sutton@mashell.com

Pierce County

Department of Emergency Management

930 Tacoma Avenue South, Room B-36
Tacoma, Washington 98402-2102
(206) 591-7470 • FAX (206) 596-6624

WILLIAM M. L

February 28, 1997

TO: Pierce County Volunteer

FROM: Tom Sutton, CEM Tom
Program Manager

SUBJ: Volunteer Recognition Brunch

Dear Volunteer,

I wish to thank you for your volunteer work for 1996. There were lots of time you were asked to respond to an emergency when it was not convenient for you to do so but, when do disasters ever make it convenient? There was the 1996 Flood which was probably the worst we have seen in Pierce County followed by the November Snow and that was followed by the after Christmas storm. Did I mention all the search and rescue missions that occurred in between these events. You have had a busy volunteer year and I thank you again for your support.

To recognize your efforts, Pierce County government would like you to be our guest at our Volunteer Recognition Brunch on Saturday, April 26, 1997 from 10:00AM until noon at the Tacoma Dome. The brunch is free as well as the parking. There will live musical entertainment, lots of free door prizes, recognition of special volunteers, and a great breakfast.

All you have to do is call 597-7900 prior to April 16 between the hours of 8:30 and 1630 and make your reservation. If, for some reason after you have made your reservation and you can't attend, please call and cancel so that we are not ordering a meal and you are not there.

Thank you agin for your work and I hope to see you at the Volunteer Recongnition Day Brunch.

Please pass this information on to anyone who has volunteered for Pierce County Government in 1996.

Volunteers

The Pride of Pierce County

Please be our guest at the

6th Annual Volunteer Recognition Brunch

Saturday, April 26, 1997
10 a.m. - Noon
Tacoma Dome Convention Hall

Master of Ceremonies:
Doug Sutherland, Pierce County Executive

Program Entertainment:
the PAtCH Theater Company presents
"The Best of Broadway"

Awards and Door Prizes!

Reservations are required and must be made prior to April 16. Please call 597-7900 (Remann Hall) between the hours of 8:30 a.m. and 4:30 p.m. weekdays.

If you are unable to attend, please cancel your reservation.

sponsored by

TAPCO

TPSC TRUSTEED PLANS SERVICE CORPORATION

TBM Insurance
A TAPCO/Bratrud Middleton Partnership

5/97

MAY
1997

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

ADDRESS CORRECTION REQUESTED

NON PROFIT ORG.
U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

COMING EVENTS

MAY 3 - Pinochle Potluck - 7 PM for Potluck, 7:30 PM for cards.

MAY 3 - 4 - TEN-TEN International Net Spring CW Contest
MARAC County Hunters CW Contest

MAY 7 - **Board Meeting** at the Clubhouse - 7:30 PM - All members are welcome.

MAY 11 - ***MOTHER'S DAY BREAKFAST*** - 8 AM - 11 AM at the Clubhouse

MAY 13 - License Exams - 7 PM - at the Clubhouse

MAY 14 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM

MAY 15 - BARK deadline (Early is OK!)

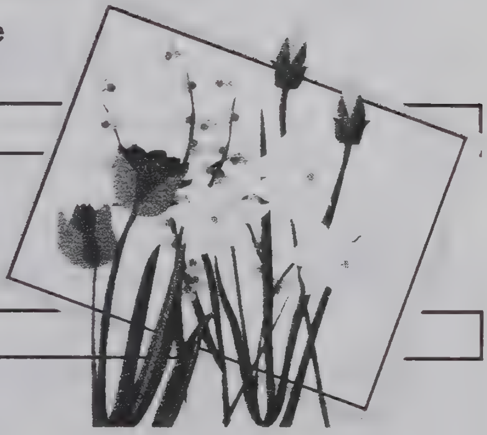
MAY 24 - 25 - CQ WW WPX Contest, CW

MAY 26 - Ladies Pinochle - Noon at the Clubhouse

MAY 28 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM

JUNE 7 - Last Pinochle Potluck for the season. Have a great summer!

JUNE 13 - 15 - SEAPAC Convention - Seaside, OR.



Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.

...May flowers!

May 1997

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 *DICK, KG7WF **HAPPY MAY** 	2 *JOHN, KB7TGE	3 **6:00 PM PINOCHLE POTLUCK** *BILL, WA7YNP
4 *FRED, KB7ZT	5 *MERRIE, KC7IBJ	6 **7:30 PM RCT NET 147.28R** NEW MOON	7 **7:30 PM RCT BOARD MTG** *LOU, KB7WDB	8 *DAVID, KG7OP	9 *ROGER, KB7AZQ	10 *MARK, KC7FAA *RUDY, N7CJM
11 **8:00 AM MOTHER'S DAY BREAKFAST**	12	13 **7:00 PM RCT LICENSE EXAMS** **7:30 PM RCT NET 147.28R** *SHELLEY, W7ATB	14 **7:30 PM RCT GENERAL MTG LIBRARY 112 E & WALLER RD** *NICK, N7BCV	15 *HAROLD, KA7RNL **BARK DEADLINE**	16	17 **HAM CONVENTION-YAKIMA**
18 *DANNY, KC7KAN **HAM CONVENTION-YAKIMA**	19 *ROB, K7TGU	20 **7:00 PM MVWS VE EXAMS** **7:30 PM RCT NET 147.28R**	21 *WADE, WA7OHG	22 *FRED, N7UET *MARK, KC7JHZ FULL MOON	23	24 *KERRY, WB7AKE
25 ***KATHLEEN, N0EYK**	26 **12:00 PM CLUBHOUSE LADIES PINOCHLE** *JOHN, N7KN *STAN, N7KMF	27 **7:30 PM RCT NET 147.28R** *DICK, W7RGD *SCOTT, KA7IOX	28 **7:30 PM RCT GENERAL MTG LIBRARY 112 E & WALLER RD**	29 *STEPHEN, WB7WUX	30 *JIM, N7RRK *SIGNE, W3IIJ	31 *LYSLE, KB7RBV *MARY, W7SKR *RICK, N7YFE **WENATCHEE FLEAMARKET**

April 1997

S	M	T	W	T	F	S
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June 1997

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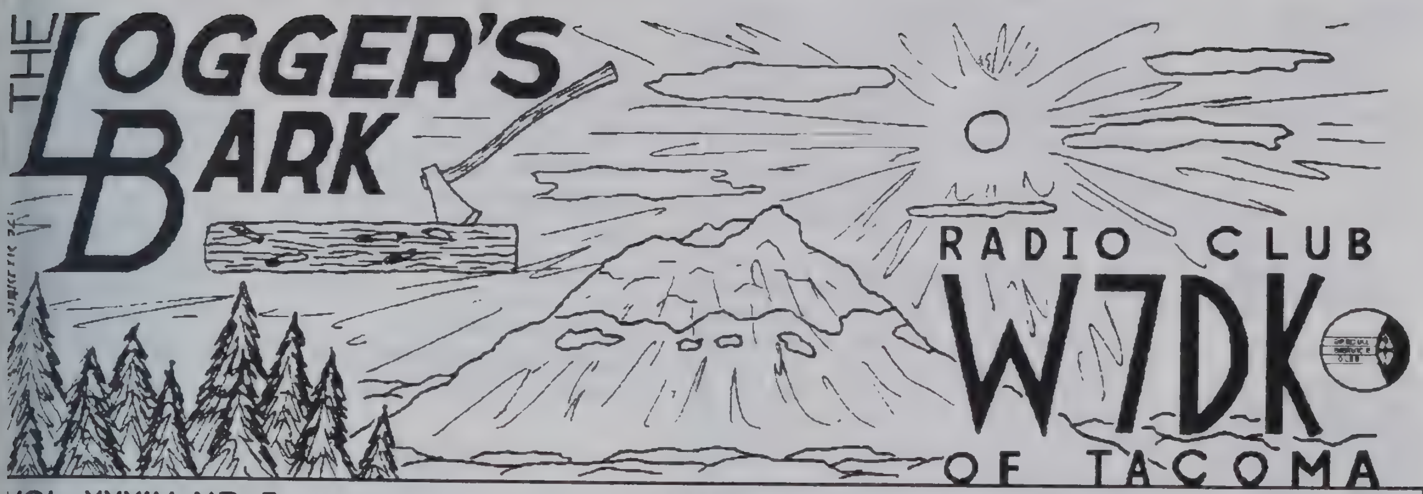
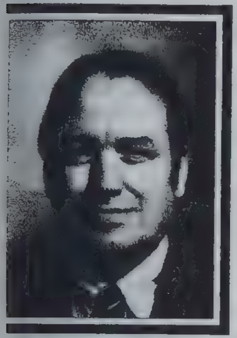


VOL. XXXIV NR. 5 W7DK MAY 1997

FROM THE PRESIDENT


WB7DFQ

Apathy. Webster defines it as a lack of interest or concern. It seems to be gaining a foothold in the Radio Club of Tacoma.

At a recent club meeting Bill, W7GBC, asked for help with the annual flea market and passed around a signup sheet for volunteers. He only received a few names! The flea market is our big annual fund raiser for the club and it requires a lot of help to put it on. Last year, during the cleanup after he flea market, there were more members of other clubs helping out than members of the Radio Club of Tacoma. If we don't get more people to volunteer, we won't be able to put on the flea market. Without he flea market, we will have difficulty continuing to offer the services which the club now provides. Please step up and volunteer to give Bill, W7GBC, Al, K7HW, and Alan, KB7SVU a hand putting on the event.

Another activity which is coming up very soon is Field Day. It will be held on June 28-29 this year. This is the one big opportunity we have each year, to show how the radio club can provide communications during an emergency. If you would like to participate, sign up at the next club meeting. There will be plenty of opportunity to operate during what will be a very exciting event. If your license class doesn't allow HF privileges, don't worry. There will be lots of people around to serve as control operators. Everyone is welcome! Come on out!

Don't forget the Mothers' Day breakfast which is being held on May 10 at the clubhouse. Remember that mothers are honored with a free breakfast and that the food is always good. Listen on the net for the time it will start.

73, Mike WB7DFQ

▶ **ARRL NEWS** - Page 5

▶ **LOGGERS CERTIFICATE ANNUAL REPORT** - Page 11

▶▶▶ *ADDRESS CHANGES* ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail.

Send changes to: Radio Club of Tacoma,
PO Box 11188, Tacoma, WA 98411-0188
or give them to the club treasurer at any club meeting.

RADIO CLUB OF TACOMA – 1997

PRESIDENT	MIKE CRAWFORD	WB7DFQ	531-4789
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
SECRETARY	CARL GLIMPSE	N7UDP	845-7966
TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
BOARD (5)	MIKE COMPTON	KB7ZDR	535-5144
	RUSSELL FOSTER	KJ7YP	473-6614
	DAN KELLY	N7QWH	535-2622
	ALAN HUGHES	KB7SVU	840-4947
	JERRY SELIGMAN	W7BUN	845-7652
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COMPOSITOR	KATHLEEN NACE	N0EYK	862-8635
PUBLISHER	W7DK PRESS	N7QHW	265-3661

◆

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Modem or mail all articles to Kathleen Nace, N0EYK, 2812 204th Ave.Ct.E., Sumner, WA 98390 or e-mail: kathleen@excell.com. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.88 / .28 MHz	**144.97 - Packet**
147.98 / .38 MHz (pl 103.5)	**441.00 - Packet**

449.175 / 444.175 MHz KC7DDA

New Members

Roy C Pugsley, KC7UFW RCT # 1963
22733 125th Ave SE
Kent, WA 98031-3678 253-631-2205

Ross Cunningham, KC7UFM RCT # 1964
12805 129th St E
Puyallup, WA 98374-2905 253-840-0695

Martha Driessnack, KC7VUJ #RCT 1965
Jonathan Hill, KC7VUQ #RCT 1966
3802 N. Washington St
Tacoma, WA 98407-5729 253-756-1127

Reinstatements

Address/Phone Changes/Corrections

Luis Iverson, W7ENR
4141 21st Ave SE
Lacey, WA 98503-3134 360-438-5297

Kellie Smith, KC7UHI 360-412-1300

Max H Bice, W7AEA
PO Box 545
Gig Harbor, WA 98335-0545 Phone Unknown

New Calls/Upgrades

Lysle Fleming, KB7RBV, has upgraded to General an
is working on Advanced--Congratulations Lysle !!!!

Silent Keys

* * *

COMING HAM FEST

May 3 Keno ARC, Klamath Falls, OR
May 10 Snake River ARC, Caldwell,ID
May 10 Stanwood-Camano Is. Hamfest, Stanwood, W
May 10 Portland ARC Fleamarket
May 17-18 Yakima Hamfest, Selah, WA
May 30-June 1 Wenatchee Hamfest, Wenatchee, WA
June 7 Kootenai Hamfest, Rathdrum, ID
June 13-15 NW Div. Convention, Seaside, OR

Mother's Day Breakfast
Clubhouse, Sunday, May 11th, 8AM - 11A

PINOCHLE
2 gatherings each month
Pinochle & Potluck - 7PM
1st Saturday of the Month
Ladies Pinochle - 12 Noon
4th Monday of the Month
Both gatherings at the Clubhouse.

Your Ad Could Be Here!

**Call, Shirley, N7QHW
at (253)265-3661 for info.**

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LAW OFFICES OF
DOUGLAS K. SMITH, P.S.
(206) 471-1000
(800) 585-8500
AJ7Y

DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409

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Federal Way, WA 98023
(206) 838-2620

LAST CONCENTRATED CLASS 'TIL FALL

The last concentrated licensing class until fall will be held on June 7th and 8th. Call Bill Shimmin, W7GBC, at 253-584-1086 to get on the list!

Editor's Notes

de NØEYK

E-Mail address:
NØEYK@excell.com
or knace@excell.com

GREETINGS
FROM
PUYALLUP!

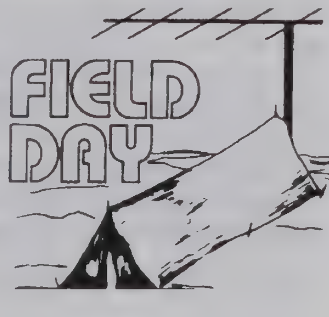
Hi everyone! Yes, we are back and are happily residing in our new home in Puyallup. I can still be reached at my old phone number (253)862-8635, if you need to get in touch. Please continue to send material for the BARK to my E-Mail address.

This issue of the BARK has lots of information in it! Please note all coming activies on your calendar and get involved. We all know the old adage, "many hands make light work". Well, you know, it's **true**!!! Field Day and the flea market are both short, labor intensive events. The work goes fast and can be fun when spread among many. Hope to see you at these events. Sign up so we can plan!

73, Kathleen, NØEYK

FIELD DAY COMES!

Sign up to work a station and/or help with set up/tear down! Mark your calendars! The dates for Field Day '97 are Saturday-Sunday, June 28-29, with early set up on Friday, June 27. If you can't make it to a meeting to sign up, plaese call David Dodd, WB7AUJ, at 253-584-3620. He will be glad to get you added to the list. We also need shelters and radio equipment as well as workers. If you fit in any of these catagories, please don't hesitate to get your name down so that we can plan to do the best we can! Thanks for your support of club activities! See you in the field!



ARES/RACES

SPRING is here and with it brings this very busy time for public service support of parades, runs and walks. Lots of amateur radio operators are needed to support these functions so please considering volunteering. Contact Alan, KB7SVU, at RCT meetings or at 206-840-4947. **If we have lots of volunteers, then not any one person gets overloaded.** (Ed. note: This is true for ALL aspects of club activities!)

Remember, check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan, Bob or Shirley(info at the end of the article). Also, find out which Fire District and Fire Zone you are in and let us know. Volunteers are still needed for manager positions. Contact Alan or Bob to volunteer.

N7QHW

Alan, KB7SVU, has asked me to include the following article in our bark newsletter. This was published in the ARRL FIELD FORUM and is very good information.

10 Ways to Optimize Your Effectiveness in Public Service Events

1) Make sure your radio is in top operating condition. Small problems (such as loose antenna connections, bad microphones, intermittent operation, etc.) may be just annoying during casual operation, but WILL cause major grief under the continuous/severe service of net/emergency operation. If your radio is not in 100% top shape, buy, beg or borrow one.

2) Don't operate your handheld with it hanging on your belt. Using the radio while it's strapped to your waist reduces your effective radiated power by more than 10 dB. That's a 90% reduction in power! Hold the radio in your hand, with the antenna in the clear.

3) Regarding antennas, those 3" rubber dummy loads may be cute, but you're throwing away 3-6 dB of power when using one. (If you're really into math, compute the loss of a 3" rubber dummy load used on a beltclip). A telescoping half-wave has a gain of as much as 10 dB over a 3" rubber duck and a quarter-wave provides a 4-6 dB improvement. Even a 12-15" rubber duck will boost your signal by 3-6 dB over the 3" ones. Remember that one dB can mean the difference in whether or not a critical message gets through.

4) Have charged batteries and spare battery packs! If you also have a dry cell battery case, fill it with alkaline batteries. Make sure you have enough batteries with you to carry you through, even on high power

5) Use headphones or an earphone rath
than a speaker/mike. Most earphones w
plug directly into your HT. Low cost ster
headphones are widely available and w
work perfectly with your HT using a mo
to stereo adapter. The headphones al
have the advantage of concentrating t
communications in your ears, while pa
tially shutting out the outside noise. Hea
phones will also prolong battery life
allowing the radio to operate at lower auc
output. A speaker/mike is the worst thi
you can use--it doesn't cut the outsi
noise, it doesn't save batteries, and whe
is that HT while you're using the speak
mike??(Hint--see #2!)

6) Speak slowly and clearly when transm
ting! You may take pride in your ability
run your words together and mumble, b
the station on the other end may be in
noisy environment and may not recei
your message.

7) Check out your ability to use simplex. Even if t
operation is being conducted on a repeater, there may
"dead spots," the repeater may go down, or , sad to sa
there may be jamming. Even if you can only work the tw
or three stations closest to you, a message can still
relayed. To maximize your simplex range, please rere
#2 and #3.

8) Listen to net control and direct all communicati
through him/her. Identify your station when calling n
control and keep all communications direct and to t
point.

9) If you must leave the radio or the area to which y
have been assigned, first seek permission and ackno
edgment from the net control station, make your "time c
as short as possible, and check back in with NCS imme
ately upon your return.

10) Project a good image to the non-hams around y
that are part of the event/emergency. This means acti
professionally, using basic hygiene skills, etc.

If you have not joined ARES/RACES and wo
like to, contact Alan, KB7SVU, ARES Emergency Coor
nator, at 840-4947 or Bob, KB7NBQ, RACES Ra
Officer at 206-875-0577 or see Shirley, N7QHW, at a
Radio Club of Tacoma meeting for an application.

73, Shirley, N7QHW

Amateur Radio Exams

in the Puget Sound Region as of May, 1996

1st Tuesday - 7 PM - **Puyallup** Fire Station, 128th St. one block west of Meridian, Puyallup - Contact Mike Horbul, KI7YB, 845-2545.

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, **Kent** - Contact Burt Mendez, KB7ZCW, 824-2785, Seattle

2nd Tuesday - 6:30 PM - **Everett** - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clubhouse - Contact Shirley Murphy, N7QHW, 265-3661

2nd & 4th Thursdays - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - **Auburn** - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave - next session - September 21 - Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306 30th Ave East, Puyallup, WA 98373 - Phone: 845-7652

◊ News from the ARRL ◊

de Jerry, W7BUN

W7BUN

The following information has been extracted from The ARRL Letter and The American Radio Relay League.

PHASE 3D LAUNCH PUT OFF UNTIL SEPTEMBER

Modifications to the Ariane 5 rocket's electrical systems and software will mean another costly delay for the Phase 3D Amateur Radio satellite. The European Space Agency (ESA) announced March 24, that the Ariane 502 which will carry Phase 3D aloft from Kourou, French Guyana, has been rescheduled for a mid-September launch. ESA said the schedule change was in response to recommendations of a board of inquiry that looked into the causes for the failure of the Ariane 501 launch last year. A complete financial analysis has not yet been done, but officials believe that the delay would add about $100,000 to Phase 3D's cost. That's on top of an estimated $200,000 combined funding shortfall that AMSAT-NA and AMSAT-DL were reporting in late February. So far, AMSAT-DL has invested nearly $1.6 million in Phase 3D, compared to nearly $1.4 million for AMSAT-NA. A series of pictures of Phase 3D work in progress is available via the AMSAT-NA Web site at http://www.amsat.org.

NEW, IMPROVED TRANSCEIVERS ON THE HORIZON

Yaesu's new FT-920 HF/6-meter transceiver will be available in early May, the company announced this week. The radio already is being advertised for sale in some overseas ham radio journals. Yaesu says the FT-920 will offer 100 W output on all bands; digital signal processing (DSP) in all modes (with auto notch and noise reduction); built-in antenna tuner, memory keyer and RS-232C level converter; and MOSFET finals. It's expected to retail for under $2000.

ICOM has announced the IC-706MkII, with several improvements and additions to the popular tiny

Continued on next page

Radio Club of Tacoma License Exams

APRIL 13, 1997

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.25. For information call:
Shirley Murphy, N7QHW, at (206)265-3661

HF/VHF transceiver at the same price as the original IC-706. The MkII will offer slots for two optional filters, a "sub" dial (to tune the second VFO or for RIT), 20 W output on 2 meters, a separate band-change key, cross-band split, band-stacking register, and better sensitivity outside the ham bands. The MkII should be available in May, according to ICOM. No retrofits are possible for existing IC-706s.

Ten-Tec has announced the OMNI-VI Plus, an upgraded version of its popular HF transceiver. The OMNI-VI Plus includes DSP noise reduction, low pass, auto notch and adjustable CW offset (with tracking sidetone) plus another filter position. A retrofit program is available for current OMNI-VI owners. The OMNI-VI Plus is priced at $2585.

FCC ISSUES CHANGES IN AMATEUR RADIO RULES

In response to three petitions for rulemaking, the FCC has adopted changes to the Amateur Service rules that--among other changes--will make it easier to obtain 1×1 call signs for special event stations and harder to get a club station license. Other amendments to the rules included in a Report and Order released April 1, 1997, will allow hams to append special designators either before or after their call signs--or both, and will recognize, but not require, the use of a session manager at volunteer examiner testing sessions.

The FCC declined to give examination credit for formerly held licenses, and turned down an ARRL request for a lifetime operator's license.

FCC VANITY LICENSE NEWS

The FCC has proposed raising the fee for a vanity call sign from $30 to $50 for the 10-year license term. The fee increase was among those included for all FCC-regulated services--including broadcasters and commercial satellite services--in Notice of Proposed Rulemaking 97-49. Fee adjustments are an annual exercise for the FCC, which says it must calculate its fees to "recover the amount of regulatory fees that Congress has required it to collect in FY 1997."

A reminder: Vanity applicants who did not get one of their call sign choices will have to apply in writing for a refund of the $30 filing fee. The FCC will mail to all unsuccessful applicants a copy of the application (including FCC processing numbers) and a copy of their check. To request a refund, applicants then must send a letter to the FCC, 1270 Fairfield Rd, Gettysburg PA 17325-7245, along with their taxpayer ID number (Social Security number).

The FCC still has not said when it plans to open Gate 3 for Advanced class vanity applicants.

1997 ARRL/TAPR CONFAB SET

Mark your calendar and plan to attend the year's premier event in Amateur Radio digital communication, the 1997 ARRL and TAPR Digital Communications Conference. This year's conference will be held October 10-12, 1997, in Baltimore, Maryland. The ARRL and TAPR Digital Communications Conference is an international forum for radio amateurs and experts in digital communications, networking, and related technologies to meet, publish their work, and present new ideas and techniques for discussion. Presenters and attendees will have the opportunity to exchange ideas and learn about recent hardware and software advances, theories, experimental results, and practical applications.

MINNESOTA HAMS BRAVE WEATHER EMERGENC

Hams geared up to help after communities in western Minnesota faced severe flooding along the Minnesota River and in the Red River Valley. To top off an already serious flooding problem, they were faced with blizzard conditions in NW Minnesota around Fargo/Moorhead and received as much as a foot and a half of heavy wet snow. Additionally, those frantically trying to save their communities from flooding also had to deal with high winds--as high as 60 mph in some locations--and low temperatures over the past weekend as a low-pressure system moved across Minnesota. In southwestern Minnesota along the Minnesota River Valley, several communities were evacuated. Electricity and telephone service in the Granite Falls area was lost.

An official statewide ARES HF net was activated on 3990 kHz to assist the Salvation Army in Minneapolis-St Paul. The Salvation Army is bringing in relief supplies for the Granite Falls area. Hams have generally been providing some isolated communications for their local chapters of the Salvation Army providing communication for relief efforts and supplies to affected areas. Other hams have been busy reporting new flooding areas to the National Weather Service. An informal ARES HF flood net was being activated each evening (5 PM CST) on 3990 kHz to gather flood-related information.

HAMS PROVIDE VITAL LINK DURING KENTUCKY FLOODING

More than three dozen Kentucky hams helped to fill a communication void when parts of the Bluegrass State were struck by flooding during the first few days of March that knocked out conventional communication systems and blocked highways. The hams provided emergency backup communication (and in some instances the only communication) for several Kentucky counties, earning the praise of local officials. Hams participated in flood recovery operations for several days after the disaster struck. In addition to handling messages, amateurs helped call in ambulances to handle health-related emergencies, traveled with the National Guard and other recovery teams in boats to emergency operations sites, helped deliver food and supplies, and helped tabulate lists of the missing.

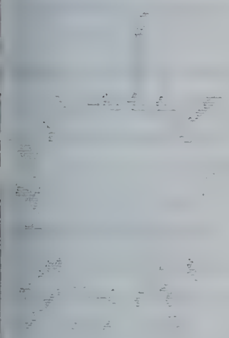
INDEX LABS' BRUCE FRANKLIN AND SGC COLLABORATE ON NEW TRANSCEIVER

A collaboration between Index Laboratories president Bruce Franklin and SGC of Bellevue, Washington is expected to result in a new transceiver roughly based on the now-discontinued Index QRP Plus. The new transceiver will have a new name, several improvements and a smaller package. Franklin said Thursday that SGC has contracted with him, personally, for engineering design services to develop the new transceiver, to be called the SGC 2020. It's scheduled to debut later this year.

In a statement, Franklin made it clear that SGC has not acquired Index, its product line or its customer service obligations. He said Index, located in Gig Harbor, Washington, will continue to provide warranty service for the QRP Plus transceiver, which Index no longer manufactures. Index also no longer provides retrofit service to upgrade QRP Plus transceivers to New QRP Plus transceivers.

RS-16 STILL UNDERGOING TESTING

The newest Amateur Radio satellite, RS-16, should be ready for prime time in about two months or so. That's the word from Leo, UA3CR, in Russia. He says RS-16 is undergoing testing now. It's believed the Mode-A transponder will be switched on after testing is complete.



SOLAR FLARE ERUPTS; FLUX UP

Solar observer Tad Cook, KT7H, in Seattle, Washington, reports: Solar activity was up and the flux went as high as 80. On the morning of Monday, April 7, a big eruption on the sun ejected a large amount of matter toward Earth. Effects were felt on Thursday, April 10. Images of this eruption from the Solar and Heliospheric Spacecraft (SOHO) satellite can be seen at http://pao.gsfc.nasa.gov/gsfc/newsroom/flash/flash.htm on the Web. "The eruption seemed to blow open a hole in he Sun's corona," said Barbara Thompson, a SOHO scientist.

Gleened from the Internet by K8RN.

CHECK IT OUT!

RCT Web Page:
www.mashell.com/~roblee/rct.htm

MINUTES

RADIO CLUB OF TACOMA, INC.
BOARD MEETING
MARCH 5, 1997

The Radio Club Board of Directors meeting was called to order at 7:30 PM by President Mike Crawford, WB7DFQ. Board Members present were Mike Crawford, WB7DFQ, Bill Shimmin, W7GBC, Jerry Seligman, W7BUN, Mike Compton, KB7ZDR, Dan Kelly N7QWH, Alan Hughes, KB7SVU, representing a quorum. Carl, N7UDP, Secretary, and Shirley, N7QHW, Treasurer were absent. There were 6 other club members present.

SECRETARY'S REPORT & CORRESPONDENCE:
Minutes of the last meeting were approved as printed in the Bark. There was no correspondence and no treasurer's report.

COMMITTEE REPORTS:

TRAINING: Bill, W7GBC, stated that the 2nd concentrated weekend class had 23 students. Thirteen of those students showed up for the Novice license test on the 4th, at the club house. They all passed. Bill also said that the club will have to start charging for these classes to cover the expense. However, since the flyers are already distributed saying "FREE", we will have to wait until new flyers are printed. Bill mentioned that Radio Shack is now selling the "Now You're Talking" books for $5.97, probably due to the license requirement changes which will be effective July 1, 1997. Note; RCT currently sells this book for $19.00. Bill, W7GBC, says thanks to all the instructors for their help.

FLEA MARKET: There is still no chairman, but there is a committee. The flea market location will be the same as last year, The Charles Wright Academy has been acquired by Al Burleson, K7HW. Jerry, W7BUN, made a motion that $1000 be transferred from Savings to the Flea Market Fund to cover expenses. The motion was seconded and carried. Volunteers are needed to pass out flyers at the Mike & Key Flea Market, and to man the RCT table at the Flea Market. Alan, KB7SVU, said we need at least 4 bodies for the RCT table. We will also need to have informational flyers about RCT and of course applications for RCT available at our table. It seems we can't locate the Club banner for the front of the table. If anyone knows where it is, please contact Al or Alan.

ROOF: Alan Hughes, KB7SVU, said one company has sent us a bid, but it has not arrived in the mail yet. The other company has not responded at all.

OLD BUSINESS:
The **BANQUET** still has no chairman or committee. It was recommended that we have a Pot Luck dinner, and have it serve as an awards banquet, and new officer installation. Marilyn, KJ7BN, will look into a possible location.

DK AT THE BEACH: Bud, KC7AVT, will contact the parks department and try to secure a location.

FIELD DAY will be the same place as last year.

NEW BUSINESS

Al Burleson, K7HW, Ben Rasnick,K6VBC, and Tom Murphy, N7QHX, wrote a letter recommending that Eva Anderson, WB7QNS, be granted an honorary membership in RCT for her support to the club. Alan Hughes, KB7SVU, made a motion we accept the recommendation. Bill Shimmin, W7GBC, seconded. The board discussed the motion, voted and carried the motion. Jerry, W7BUN, also said we had a chance to upgrade the TEN TEC radio, through a factory offer. It would cost around $200 to do. Dan, N7QWH, made a motion to allow Jerry to spend the money to upgrade the radio, and Bill, W7GBC, seconded it. The motion carried. Mike, WB7DFQ, said we may need to find another path to the outside world. All our packet stuff goes through the CNN repeater, which is so crowded there are going to be changes made by CNN. The club may need to provide a dedicated 440 rig.

GOOD OF THE ORDER: Mark, KC7FAA, gave an update on Jim Kirkreit, K7YLM. We all wish him well and hope to see him soon. Gene Dodge, W7BTV, gave the club a picture of the club house being built. Thanks to Gene, one of RCT's longest members. The antique Radio Station has a stainless steel antenna up, and the radio running.

ADJOURNMENT

Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

JOIN IN CLUB ACTIVITIES!

SPECIAL SERVICE CLUB

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING
MARCH 12, 1997

The Radio Club of Tacoma meeting was called to order at 7:30 PM by President Mike Crawford, WB7DFQ. After the pledge of allegiance and introductions, KC7WYL, a new ham, and KB7PZW, a new club member, were acknowledged. There were 4 new Technicians and 2 new Tech Plus upgrades recognized.

TREASURER'S REPORT:

No change since last report. The club financial update will be given when the treasurer returns from Maui.

HEALTH AND WELFARE: It was reported that Jerry Seligman, W7BUN, and Jim Kirkreit, K7YLM, are still missing due to illness. Jerry was reported to be feeling better. Jim took his code key back east and used code to talk to the doctors. Judy, AJ7R, did the translation. Who says code has no use?

PROGRAM: ARRL Northwestern Division Director Mary LouBrown, NM7N, was the guest speaker. Before givi
a report on "The State of Ham Radio", Mary Lou, pr
sented the club with some memorabilia. Stan Griffi
W7NI, had given her an old RCT QSL card. The club
the time was U7DK. Printed on the back of the card w
the menu for the club banquet, dated October 9, 192
The card will be put in the club archives. Thanks again
Stan, W7NI, and Mary Lou, NM7N. Mary Lou, said, th
Paul Renaldo, ARRL's representative in Washington D
had sat in on an informal working group discussing Wo
Radio Conference (WRC 97). In that meeting he disco
ered that some commercial interests, called Little LE
(LEOS stands for Low Earth Orbiting Satellites), we
presenting a list of potential frequencies that they wo
like to use, to the FCC. Included in these frequenci
were all of the amateur 2 meter, and all of the amate
440 frequencies. ARRL objected, and has support fr
other government groups, such as, FEMA and the D
partment of Defense. Congress is attempting to legisla
things the FCC should be handling. Examples are F
exposure and frequency allocations. This was a ve
interesting program, and thanks to the ARRL for fighti
to protect amateur radio rights.

COMMITTEE REPORTS:

AROWS: Meeting will be held Saturday the 15th.

BARK: Deadline is the 15th. E-Mail articles to Kathle
NØEYK.

AWARDS BANQUET: The traditional low attendan
has made it impractical to have this as a separate fu
tion. In the future we hope to combine the Awa
Banquet and the Christmas Party sometime in Decemb
This year we will have a pot luck to cover the Awards a
New Officer Induction. More information will be in futu
BARK publications and on the RCT net.

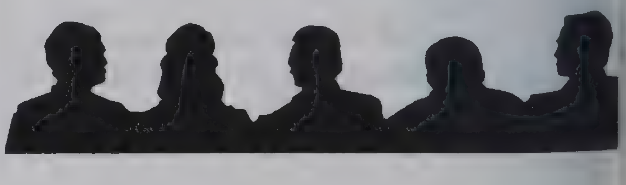
HINTS AND KINKS: If anyone has an AT230 anten
tuner, we have a club member who is looking for one. T
club is looking at different methods to cut off the pho
patch, due to some interference problems. The questi
of having code practice at the club house was discuss
There was no decision. Note: The RCT dues are due
the end of the month.

TUNING AND TRAFFIC: It was noted that the path
Europe was open, on most frequencies, and most of t
day.

GOOD OF THE ORDER: The Awards Banquet, DK at t
Beach, Father's day breakfast, and Field Day in Ju
were revisited.

ADJOURNMENT: The meeting was adjourned by Mi
WB7DFQ.

Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma



RADIO CLUB OF TACOMA, INC.
REGULAR MEETING
MARCH 26, 1997

The Radio Club of Tacoma meeting was called to order at 7:30 PM by Vice President Bill Shimmin, W7GBC. After the pledge of allegiance, led by Russell Foster, KJ7YP, introductions were made. There was one visitor, Jim Sutton, WA7PHD. Jim will be providing tonight's program. The club welcomes two new members, Mary & Harry Howell, KB7WYP & KB7WYO, respectively.

CORRESPONDENCE: There is a letter of thanks from Eve Anderson, and another note from Kathleen, NØEYK, & Roger, K8RN. Kathleen invites anyone who wishes, and is capable, to communicate with them via E-Mail.

TREASURER'S REPORT: Approved Treasurer's report.

GENERAL FUND CHECKING	$1,932.18
REPEATER FUND CHECKING	346.01
PACKET FUND CHECKING	500.00
FENCE FUND	78.34
FLEA MARKET CHECKING	1306.19
MONEY MARKET SAVINGS	15,111.78
SCHOLARSHIP WORKING FUND	700.00
SCHOLARSHIP MEMORIAL FUND	2,796.78
TOTAL ALL ACCOUNTS	$22,771.28

There are 399 1997 members

HEALTH AND WELFARE: Jerry Seligman, W7BUN, went back to the hospital Saturday, where doctors are trying to control his back pain. Jim Kirkreit, W7YLM, is back home. They did not do Jim's operation as planned, but are using a different treatment. Both Jim and Judy would love to hear form their friends. Their E-Mail address is kirkreit@ix.netcom.com. Bill, W7GBC, ask the members to stand for a moment of silence for Silent Key Alex Braidwood, W7AZR.

PROGRAM: The program this evening is a video tape on Digital Modes of Communication. It was produced in the Portland area. Morse code, RTTY, BAUDO, ASCII, AMTOR, FEC, ARQ, PACKET, and other methods of digital communications were discussed in detail.

COMMITTEE REPORTS:

BARK: Shirley Murphy, N7QHW, said the deadline is April 15th for next months BARK. E-Mail articles to Kathleen, NØEYK. Shirley can get the E-Mail address for anyone who needs it.

TESTING: Shirley also said the VE testing will be at the club house on April 8th at 7:00 p.m. All VE's are welcome to come down and help.

ARES/RACES: Bill Shimmin, W7GBC, introduced Jim Sutton, WA7PHD, the State RACES officer. Jim said that the State EOC will be moving to Camp Murry next year. It is currently in Olympia and is manned by amateur operators in that area. When the EOC is relocated in their new building they will need volunteers that can get to the facility quickly. Jim is requesting amateur operators holding General class or higher license's, due to the HF equipment that will be used. A DEM card will be required to gain access to Camp Murry. They are going to need about 16 operators to operate on a 24 hour basis in emergency situations. If you are interested contact Jim for an application.

There are Special Events coming up that will need volunteers, Contact Judy, N7NII, on 847-5498 if you can help.

TRAINING: Next class will be April 5th & 6th at the club house. The class starts at 9:00 a.m. both days and runs until 5:00 p.m.

FLEA MARKET: Bill, W7GBC, mentioned again that we need volunteers, please sign-up and list what you would like to help with.

FIELD DAY: Field Day will be at the same location as last year. Alan Hughes, KB7SVU, has contacted the authorities to get confirmation on the site and date. That has not yet been received.

AWARDS BANQUET: This year we will have a pot luck to cover the Awards and New Officer Induction. It is going to be at the T.A.C.I.D. building. April the 26th at 6:00 p.m. Shirley, N7QHW, announced that orders for RCT jackets can be made through either Marilyn, KJ7BN, or Shirley, N7QHW. The price will be $35.00 through extra large, a couple of bucks more for larger jackets.

ADJOURNMENT: The meeting was adjourned at 8:43 p.m. by Bill, W7GBC.

Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

RADIO CLUB OF TACOMA, INC.
BOARD MEETING
APRIL 2, 1997

The Radio club Board of Directors meeting was called to order at 7:30 PM by President Mike Crawford, WB7DFQ. All club officers were present except Jerry Seligman, W7BUN, and Mike Compton, WB7ZDR, enough for a quorum. There were 3 guests also present. The reading of the minutes were dispensed with and will stand approved as published.

SECRETARY'S REPORT & CORRESPONDENCE: The club received confirmation from ICOM, that the radio which had been loaned to RCT, and subsequently lost, has now been paid for by RCT. The secretary announced that all certificates not picked up at the general club meetings within two months will be mailed to the members.

TREASURER'S REPORT:

Treasurer's report is approved.

GENERAL FUND CHECKING	$1,777.90
REPEATER FUND CHECKING	346.01
PACKET FUND CHECKING	500.00
FLEA MARKET CHECKING	1,306.19
MONEY MARKET SAVINGS	15,111.78
SCHOLARSHIP WORKING FUND	700.00
SCHOLARSHIP MEMORIAL FUND	2,796.31
FENCE FUND	78.34
AVAILABLE CASH	6.20
TOTAL ALL ACCOUNTS	$22,622.73

There are currently 404 1997 members.

COMMITTEE REPORTS:

MEMBERSHIP & TRAINING: Bill, W7GBC, said the concentrated weekend classes have been very successful. Bill also stated that in the past the club has given each student a certificate of completion. These come from ARRL at no cost, but only mention

ARRL: Bill feels that we should make up certificates with RCT as well as ARRL on them.

FLEA MARKET: The committee of three (no chairman) has secured the same facility as last year. However, no contract has been received as yet. The flyers have been printed and will be mailed to other clubs. There are currently 7 tables reserved. Mike, WB7DFQ, says we need to have some support on this. We need member participation. If you can help, please contact Al Burleson, K7HW.

GARAGE ROOF: Alan Hughes, KB7SVU, said the club will do the roofing of the garage ourselves, and will try to get the material donated. If we have to buy the material, it will cost about $300.

OLD BUSINESS: The **Awards Banquet** (Pot Luck)will be the forth Saturday in April. That is the 26th of April at 6:00 p.m. and will be at the T.A.C.I.D. building. It is located at 19th street just off Mildred. The **Mothers Day Breakfast** will be the 2nd Sunday in May. The board authorized $150.00 to support the breakfast. The Fathers will pay a nominal fee, but Mothers will eat free.

NEW BUSINESS: Bill, W7GBC, said consequent to the concentrated classes, instructors have generated a notebook and handouts. Providing copies of these to students is generating a considerable cost. It was decided that future classes will have to charge a fee to cover the cost of these materials. Probably starting at around $10.00 per student. Bill, said the instructors and the club are also considering providing a "General Class" licensing session using the same concentrated teaching method. Money to purchase an ARRL General Class video in anticipation of the new class was approved. Shirley Murphy, N7QHW, requested permission to change the bank which handle club funds. Various fees charged by our current bank can be avoided by switching to Washington Mutual. Permission was granted. The auto patch code will change in mid to late April, club members will need to call a board member for the new auto patch code.

FIELD DAY: Field Day is 2 months away and we need a chairman. The site will be the same as last year.

ADJOURNMENT: The meeting was adjourned at 8:47 p.m.

Respectfully Submitted
Carl Glimpse, N7UDP, Secretary, Radio Club of Tacoma

AMATEUR RADIO
Friendships
around the world!

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING
APRIL 9, 1997

The Radio Club of Tacoma meeting was called to order
7:30 PM by President Mike Crawford, WB7DFQ. Follo
ing the pledge of allegiance, led by Carl Glimps
N7UDP, and introductions, the club welcomed visit
Mike, KJ7WC, and new ham Jonathan, who has no c
yet.

TREASURER'S REPORT: Treasurer's report is a
proved. Figures are the same as reported at the boa
meeting. There are 404 1997 members.

COMMITTEE REPORTS:

CORRESPONDENCE: Mike, WB7DFQ, said the Rad
Club of Tacoma's books were audited on the 7th of Ap
and were in order. The club also received an offer
have an RCT Credit Card.

HEALTH AND WELFARE: Jerry Seligman, W7BUN,
back in the hospital. Jim Kirkreit, K7YLM, is home. S
Baldwin, KC7AVS, is doing well.

PROGRAM: Bill, W7GBC, introduced this evenings p
gram, which is a video from the Northern Califor
Contesting Club. Last year they set up equal amate
stations in San Francisco, or as equal as possible. Th
operators were from around the world came and operat
these stations in an attempt to determine who were t
best amateur radio operator's in the world. They we
able to meet people who had previously just been voic
on the radio. It was quite a social event, until the conte
ing started, then it was all business. There were 54 tea
operating the stations. When it was over, KR0Y & K1T
took 1st place.

COMMITTEE REPORTS:

AROWS: Marilyn, KJ7BN, announced that there will
at least one scholarship given away this year. Mari
also reported on the Pot Luck (Awards Banquet) wh
will be on the 26th of April at 6:00 p.m. and will be at t
T.A.C.I.D. building by the Tacoma Community Colleg
Everyone should bring a hot dish or salad. In addition t
club jackets are now being sold. Sizes S/M/L will
priced at $35 with larger sizes costing a few dollars mo
Get your orders in as soon as possible to Shirle
N7QHW, or Marilyn, KJ7BN.

ARES: No report.

ARRL: Mike, WB7DFQ, mentioned that the FCC h
decided to stop collecting money from spectrum auctio
because many companies which bought the frequenc
have gone broke and no longer have a need for the
These companies no longer have money to pay for w
they bought. The FCC has not determined how to colle
so they will probably turn it over to either the Treas
Department or the Justice Department to see if they c
collect.

BARK: The BARK deadline is the 15th . You can E-m
your articles directly to Kathleen, N0EYK, or get h
copy to Shirley, N7QHW, and she can get them
Kathleen.

TRAINING & EDUCATION: Bill, W7GBC, announc
another concentrated training course on April 5th &

has just been completed. Most of the class took the exam last night and did reasonably well. There is another class planned for June 7th & 8th, and it will be the last class until after the Puyallup Fair.

CLUB HOUSE: Rich Manson, N7ANF, was at the club house on Saturday and noticed construction going on behind the Club House. The folks doing the excavating (leveling) offered to push the fill onto Club property (filling n a low spot) providing possibly more parking. Rich also said the Mothers Day Breakfast will be on Sunday May the 11th from 8:00a.m. to 11:00a.m. at the club house. The cost will be $3.00 per meal for non-moms.

FLEA MARKET: Bill, W7GBC, says plans are moving along. The date has been established as August 9th at Charles Wright Academy. Volunteers are welcome and needed. Last year, there were more people from other clubs helping tear down and clean-up, than from RCT.

FIELD DAY: Bill, W7GBC, said we are looking for operators so station operating plans can be established.

HINTS & KINKS: Looking for "Soft kiss" software for MAC.

TUNING AND TRAFFIC: Many bands are now open including 20M, but the current solar flare may cause trouble in the next few days. One RCT member contacted 48 of the 52 stations operating in the contest video we saw tonight. Mac, W6NBD, said the Antique Radio Station made a contact with Anchorage, Alaska.

Attendance: 48

The meeting was adjourned at 8:40p.m.

Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

RADIO CLUB OF TACOMA

W7DK

LOGGER'S CERTIFICATE

LOGGER'S CERTIFICATE ANNUAL REPORT

As of March 31, 1997 de Barbara W7UYL

Do you have a Logger's Certificate? It is a great way to become acquainted with other club members! Did you know that the Logger's Certificate was 40 years old on April 12th? The first certificate was issued on April 12, 957 to Dick Dondon W7LIA. Dick drove to my house rom Seattle to deliver his list of ten contacts and make ure that he got Certificate No. 1. Since then, I have written 648 certificates, the latest to Jeremy Sandler KC7SQD. I can't begin to tell you how many endorsement stickers have been issued. Remember, this was all tarted long before we thought of having home computers!

We have also issued 9 DX certificates. The ecipients include stations in all of the United States call districts plus England, Japan, West Germany, Norway, Denmark, Russia, Canada and Puerto Rico. I still get nquiries from publishers of award directories, so awareness of our Logger's Certificate continues to grow.

If you don't already have a certificate, why not log ten members of the Radio Club of Tacoma, and submit the list of calls and the dates worked to me or to any club member. Or have you thought about adding a few extra log piles to that certificate you already have on your hamshack wall?

Following is a list of stations who have worked 100 or more members of the Radio Club of Tacoma.

W7RGD	920
WB7QNS	870
K7ETU	760
W7BUN	600
WV7Z	420
N7QOZ	410
W7AZI	400
N7AHR	320
WB7RAX	320
N7AZN	300
WB7VHA	280
WA7ZSR	250
KC7BAL	210
WB7CRR	210
K7CZM	210
N7BAA	200
KA7DCX	200
KD7ME	200
KJ7YP	200
WA7ENB	190
K7QLC	190
N7AEJ	180
WZ7M	180
W7IIU	170
WB7OTY	170
N7AGC	160
AE7X	150
KG7V	140
N7AZQ	130
KD7JM	130
K5EAF	130
W5PBL	130
KF7RV	120
WB7BLQ	110
WB7PKM	110
WB7QNP	110
KB7VNT	110
KJ7BN	100
KC7EQ	100
AD7S	100
K8RN	100

JOIN THE EXCITING WORLD OF HAM RADIO

AND RECEIVE YOUR TECHNICIAN LICENSE FROM

ONE WEEKEND CLASS

NO-CODE TECHNICIAN
AMATEUR RADIO LICENSE

Saturday, June 7
and
Sunday, June 8, 1997

9 AM TO 5 PM
Sponsored by:
The Radio Club of Tacoma

1249 South Washington Street - Tacoma

To Register, Call:

Bill Shimmin - 206-584-1086
or
Al Burleson - 206-474-9023

Bring a sack lunch to class!
Fee for the class is $10
Books will be available at the class for $19

RADIO CLUB OF TACOMA, W7DK

Tacoma
Electronics Fleamarket

Saturday, August 9, 1997
Charles Wright Academy
7723 Chambers Creek Rd West
Tacoma, WA
Open 9 AM to 3 PM

Admission $4 (12 and under **FREE**)

)vernight RVs: $2 (Self Contained - Friday Night Only)

RVs: Pay upon arrival and recieve parking assignment

License Examinations Will Not Be Available at the Flea Market.
However, License Examinations will be given at the Radio Club of Tacoma Clubhouse on Tuesday Aug. 12 at 7 P.M.
Call Shirley Murphy 206-265-3661 for more information

For More Info call:
Alan @ 206-840-4947
Bill @ 206-584-1086
Al @ 206-474-9023

☞ DOOR PRIZES
☞ FREE Parking
☞ Ham Gear
☞ Commercial Displays
☞ Computers & Electronic Equipment
☞ Country Store Available for Consignment Sales

☺ Talk - In on 147.28+ ☺

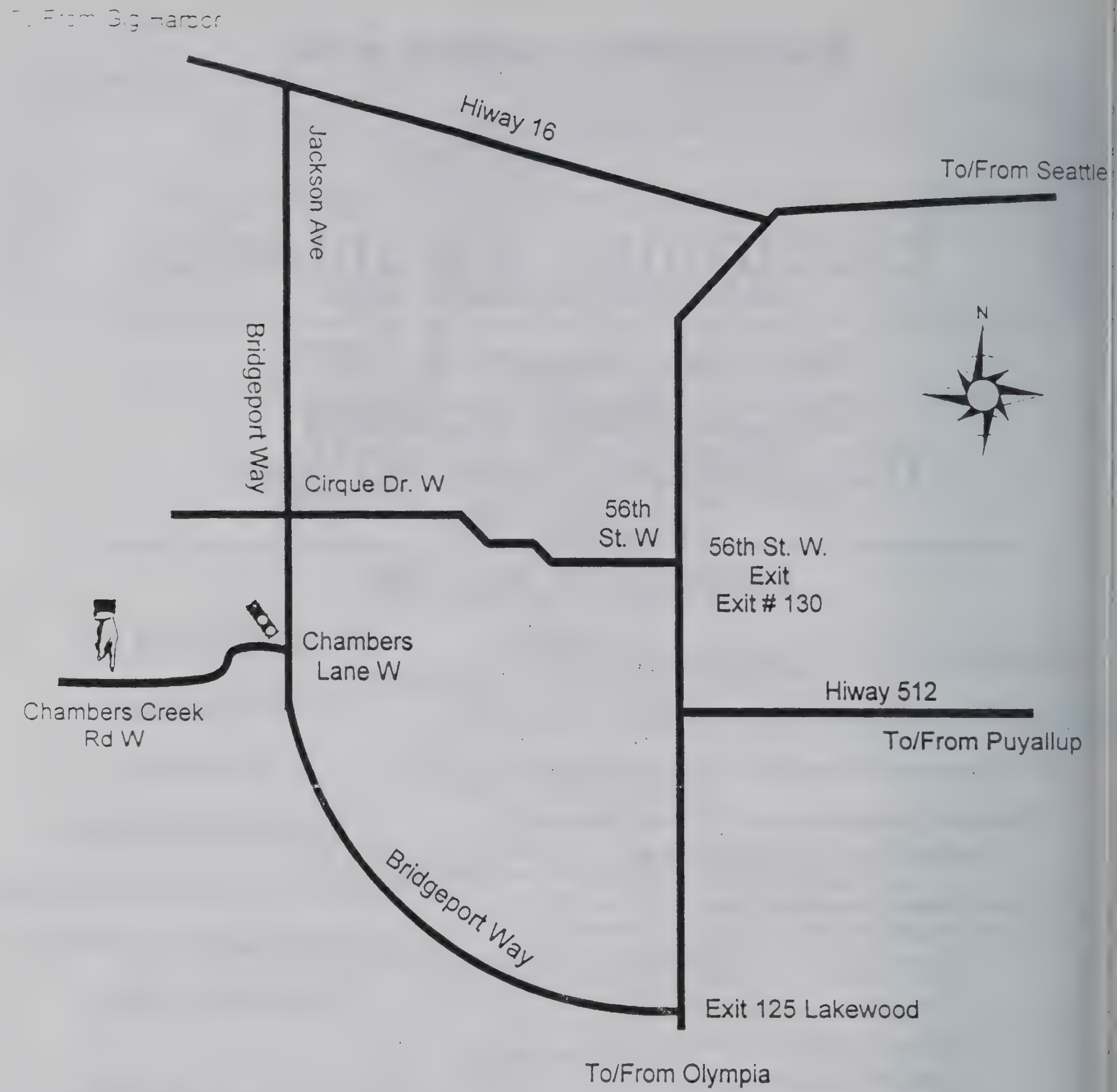
RETURN THIS PORTION FOR TABLE RESERVATIONS ONLY
Make Checks Payable to RCT Setup Friday 5 - 9 PM and Saturday 6 - 9 AM

Mail to: Radio Club of Tacoma Box 11188 Tacoma, WA 98411

#	Description	$
	Non - Commercial Tables @ $15 each All Tables sold include one admission	
	Helper Admissions @ $4 each We reserve the right to limit the number of helpers	
	Commercial Booths @ $40 each includes 2 admissions	
	Total Enclosed =	

Name: ____________________
Call: ____________________
Address :____________________
____
City: ____________________
State: _____ Zip: ____________
Phone: ____________________

o you Need Power? YES NO
ower is Limited, First come First Served


To/From Gig Harbor
Hiway 16
To/From Seattle
Jackson Ave
Bridgeport Way
N
Cirque Dr. W
56th St. W
56th St. W. Exit Exit # 130
Chambers Lane W
Chambers Creek Rd W
Hiway 512
To/From Puyallup
Bridgeport Way
Exit 125 Lakewood
To/From Olympia

Map Not Drawn to Scale! Any Questions Use the Call In Freq. and someone willl help you out

6/97

JUN
1997

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

ADDRESS CORRECTION REQUESTED

NON PROFIT ORG.
U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

COMING EVENTS

JUNE 2 - Field Day Organizational Meeting - 7 PM at the Clubhouse

JUNE 4 - Board Meeting at the Clubhouse - 7:30 PM - All members are welcome.

JUNE 7 - Last Pinochle Potluck for the season. Have a great summer!

JUNE 10 - License Exams - 7 PM - at the Clubhouse

JUNE 11 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM

JUNE 15 - BARK deadline (Early is OK!)

JUNE 13 - 15 - SEAPAC Convention - Seaside, OR.

JUNE 14 - 15 - VHF QSO Party (More info on page 9.)

JUNE 23 - Ladies Pinochle - Noon at the Clubhouse

JUNE 25 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM
Program: Final Field Day Prep. David Dodd, WB7AUJ

JUNE 28 - 29 - FIELD DAY Y'all come on out!

June 1997

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1 *ROY WA7UZL **WENATCHEE FLEAMARKET**	2 *RANDY W7HTU **HAPPY JUNE**	3 **7:30 PM RCT NET 147.28R**	4 **7:30 PM RCT BOARD MTG** *BUD WA7ASH *DIANA WA7BLF	5 NEW MOON	6	7 6.00 PM PINOCHLE POTLUCK
8	9 *AL KA7BIY	10 **7:00 PM RCT LICENSE EXAMS** **7:30 PM RCT NET 147.28R**	11 **7:30 PM RCT GENERAL MTG LIBRARY 112 E & WALLER RD** *SCOTT KC7SDC	12 *DAVID N7WGM	13 *ANGELA KC7EQ *DAN KB7UXE *MICHAEL KE6GEQ **SEA-PAC CONVENTION**	14 *BOB KC7HIR *TOM N7QHX **SEA-PAC CONVENTION**
15 **BARK DEADLINE** **SEA-PAC CONVENTION**	16	17 **7:00 PM MVWS VE EXAMS** **7:30 PM RCT NET 147.28R** *MARY KC7SYW	18 **7:00 PM ARES/RACES MTG--TACID BLDG**	19 *BRIAN	20 *BEN K6VBC FULL MOON	21 *DENNIS KC7UPV *ROGER K7RN *ROY N7ARO **SUMMER**
22 *MARCEL KC7UPV	23 12:00 PM CLUBHOUSE LADIES PINOCHLE *HARRY KB7WYO *JOHN KC7QFF *MARK KC7AFO	24 **7:30 PM RCT NET 147.28R** *SHIRLEY N7QHW	25 **7:30 PM RCT GENERAL MTG LIBRARY 112 E & WALLER RD** *GRACE AD7S	26	27 *JACK N7WOI *LAURENCE WA7QEW *NORM KC7DCN **FIELD DAY SET-UP**	28 *MIKE KC7UFV **FIELD DAY**
29 **FIELD DAY**	30 *CAL W7SFT *DAVID KA7CMZ					

May 1997

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July 1997

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THE LOGGER'S BARK
RADIO CLUB
W7DK
OF TACOMA

VOL. XXXIV NR. 6 W7DK JUNE 1997

FIELD DAY '97

de David Dodd, WB7AUJ

WHAT IS FIELD DAY:

a. A contest?
b. An emergency preparedness exercise?
c. A public relations effort?
d. All of the above?

To find the answer, we read the Field Day Rules.
OBJECT: To work as many stations as possible on any or all amateur bands (except 10, 18 and 24-MHz bands) and, in doing so, to learn to operate in abnormal situations under less-than-optimum conditions. A premium is placed on skills and equipment developed to meet the challenge of emergency preparedness and to acquaint the public with the capabilities of Amateur Radio.

Last years Field Day drew 32,000 plus hams to 1928 sites to activate 4579 transmitters throughout the US and Canada, making 761,609 phone contacts and 471,476 CW contacts. (RCT made 1943 contacts.) Actually there were more than this because these figures are only what were reported to the ARRL. Numerous others participated but did not submit a record of their activity. Band conditions the past few months are improving and should be much better than last year.

The Radio Club of Tacoma has two 10,000 watt generators, numerous towers and antennas that are maintained for emergency operations. Field Day is our chance each year to put into practice setting up a site and maintaining communications for a 24 hour period. Sometimes it's easy. Sometimes it's difficult. There is always good food.

Field Day is a time when everyone pulls together and shows what ham radio is all about. It takes more than just operators for a successful Field Day. It takes station builders, antenna raisers, VHF/UHF experts, emergency power folks, traffic handlers, media people, satellite experts, packet radio gurus, transportation experts, cooks and, I'm sure a few others, I forgotten to mention. There is a job for everyone.

As I write this, not much has been done for this years Field Day. I was trapped into being Field Day Chairman by Al, K7HW, at the Saturday breakfast about three weeks ago, when he gave me his name to head up a station. I have appointed him my assistant.

We have a site (Same as last year, in Spanaway, about a 1/4 mile east of Pacific Avenue on 138th Street.) The map to the site is on page 3. So far, we have people signed up for 40 and 80 meter phone. Everything else is open.

There are three stations that are important because they

Continued on page 3

▶ ARRL NEWS - Page 7

▶ VHF QSO PARTY - Page 9

▶▶▶ ADDRESS CHANGES ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail.

Send changes to: Radio Club of Tacoma,
PO Box 11188, Tacoma, WA 98411-0188
or give them to the club treasurer at any club meeting.

RADIO CLUB OF TACOMA -- 1997

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V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
SECRETARY	CARL GLIMPSE	N7UDP	845-7966
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	RUSSELL FOSTER	KJ7YP	473-6614
	DAN KELLY	N7QWH	535-2622
	ALAN HUGHES	KB7SVU	840-4947
	JERRY SELIGMAN	W7BUN	845-7652
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COMPOSITOR	KATHLEEN NACE	N0EYK	862-8635
PUBLISHER	W7DK PRESS	N7QHW	265-3661

◆ ◆ ◆

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Modem or mail all articles to Kathleen Nace, N0EYK, 2312 204th Ave.Ct.E., Sumner, WA 98390 or e-mail: kathleen@excell.com. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.88 / .28 MHz	144.97 - Packet
147.98 / .38 MHz (pl 103.5)	441.00 - Packet
449.175 / 444.175 MHz KC7DDA	

New Members

Dennis F Level, KC7VUL RCT# 1967
17217 89TH Avenue Ct E
Puyallup, WA 98373-2238 253-770-272

Dawn Pier, KC7VZM RCT#1968
908 187th St E
Spanaway, WA 98387-7917 253-847-822

Sylvia A Betts, KC7UZZ RCT#1969
13013 210th Avenue Ct E
Sumner, WA 98390-7451 360-897-888

Lee N Sears, KC7SYZ RCT#197
1028 S Vassault St
Tacoma, WA 98465-2038 No Phon

Elizabeth Rivers, KC7VEO RCT #1971
2801 N Narrows Dr Apt E1
Tacoma, WA 98407-1446 Phone Unliste

Reinstatements

Don Pinson, KB7ZKY
21321 194th Ave E
Orting, WA 98360-9703 360-893-588

Address/Phone Changes/Corrections

Thomas Sutton, WV7V
3312 6th Ave Apt 1
Tacoma, WA 98406-5925 Phone Unknown

Roger Nace, K8RN
Kathleen Nace, N0EYK
6906 52nd Street Ct E #81
Puyallup, WA 98371-3798 253-862-8635

Delbert Chase, KB7PKI
PO Box 841
Wauna, WA 98395-0841 Phone Unknown

Richard Lottie, KG7WF
810 N G St
Tacoma, WA 98403-2414 253-627-2233

Al Williams, K7PUC
706 Frederick St NE
Olympia, WA 98506-4782 Phone Unknown

New Calls/Upgrades

Silent Keys

DO IT!!!
FIELD DAY '97

PINOCHLE
2 gatherings each month

Pinochle & Potluck - 7PM
1st Saturday of the Month
Ladies Pinochle - 12 Noon
4th Monday of the Month
Both gatherings at the Clubhouse.

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give us points, but are not included in our count of operating stations. They are a NOVICE station (must be operated with a Novice or Tech Plus in charge), a PACKET station and a VHF/UHF (144/220/440/and up) station. We need someone to head up each of these stations.

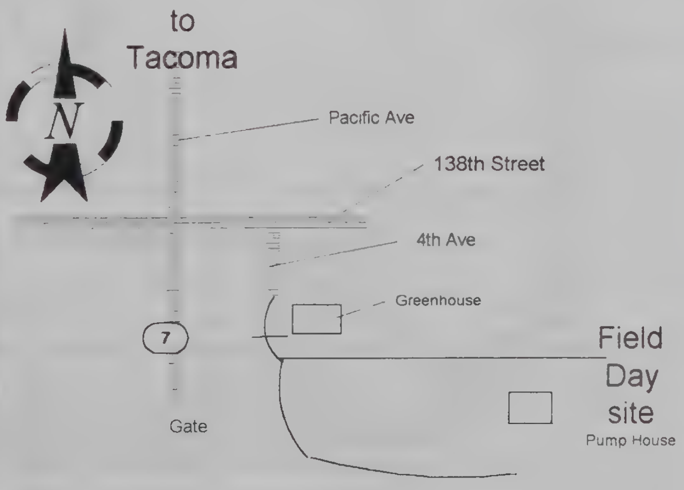
There are also several areas that provide 'BONUS' points. These include media publicity, operation of a visitors station, satellite QSO, natural power station, copying W1AW Field Day message, message origination and message relay. Each of these areas provides a special challenge for someone.

For those of you who aren't familiar with Field Day, the scenario goes something like this. Meet at the Club House at 10AM Friday morning (June 27) to load up equipment. Leave the Club House about noon and head for the Field Day site. Friday afternoon and evening towers are erected and power distribution system is laid out. Power is usually ready about the time it gets dark. Saturday morning finish any antenna work and set up stations. Contest operation begins at 10AM Saturday (June 28th) and lasts for 24 hours. Sunday 10AM, the contest period is over and tear down begins (Things come down faster than they go up.) Back to the Club House to store equipment away till next year.

For food, there is a 'POTLUCK' Saturday night. Bring your favorite hot dish, salad, desert, etc. There is usually a midnight snack for the night-owl crew. Sunday morning breakfast is served by some of our greatest cooks. Your on your own for the rest of your meals.

If you haven't made it to a meeting to sign up by the time you get your Bark, please give me a call (253) 584-3620.

There will be a coordinating meeting at the Club House on Monday, June 2nd, 7 PM. The program for the June 25th meeting will be on Field Day. Please plan now to attend both of these meetings.



HELP DK WITH FIELD DAY CONTACTS!

Not going to go out for Field Day? We still need your help. Contact W7DK and our NOVICE station in the field on as many bands (HF/VHF/UHF) and modes (phone, cw, packet) as you can. We really need PACKET contacts. They are hard to come by. We can not operate as W7DK on PACKET becuase of our BBS. Look for W7OS.

For FM contacts, look for W7DK on 147.48 on the hour and half-hour.

If you are operating from home, you would be class 1D. Your exchange (information you give) would be '1D WESTERN WASHINGTON' or '1D WWA' on CW.

If you operated out of your car/truck/camper, you would be class 1C.

There are few special rules to remember for Field Day.

A) Operators participating in Field Day many not, from any other station, contact for point credit the Field Day Portable station of a group with which they participated. Translation - If you work as an operator at the W7D field site, you can not go home and contact W7DK tryi to give us more points.

B) A station used to contact one or more Field D stations may not subsequently be used under any oth call during the Field Day period. Family stations a exempted. Translation - Those visiting the Club Hou on Saturday can't take a handheld and pass it around make contacts with W7DK in the field. It's ok for fam members who normally share a radio to both use t same radio to contact W7DK in the field (e.g. Ji K7LYM, and Judy, AJ7R, can use their HF rig and bo contact W7DK for credit.)

C) Each phone and each CW segment is considered a separate band. A station may be worked once on ea band. SSB and FM are phone. RTTY, PACKET, etc a considered CW. Crossband contacts are not allowe Translation - You can contact W7DK twice on each ba (6, 10, 15, 20, 40, 80, 160, 2 meters, etc), once usi SSB and once using CW. If you contact W7DK on meter SSB, an FM contact on 2 meters would be duplicate.

D) Repeater contacts are not allowed (Satellite excepted).

For complete Field Day Rules, see May QST, page 10

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ARES/RACES

Spring is almost behind us and to my knowledge, there are two major events left to support: the Sound to Narrows Race in June and the Tour de Pierce Bik-a-thon the second weekend in July. Lots of amateur radio operators are needed to support these functions so please consider volunteering. Contact Alan, KB7SVU, at RCT meetings or at 206-840-4947 or contact Judy N7NII, at 253-847-5198. If we have lots of volunteers, then not any one person gets overloaded.

Also remember to check your Department of Emergency Management(DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan, Bob or Shirley(info at the end of the article).

Also, find out which Fire District and Fire Zone you are in and let us know. Volunteers are still needed for manager positions, contact Alan or Bob to volunteer.

N7QHW

The following article was published in "The Radiogram" published by Group Health Cooperative. This antenna has been around a long time and is well known by RACES/ARES groups all over but it is a good refresher for those who are familiar and good knowledge for those of you who are new to amateur radio.

A NVIS Refresher

by Stan Harter,KH6GBX,

Auxiliary Communications Service

Scheduled high frequency radio nets over large areas with only one frequency should be recognized as being generally unrealistic. Propagation may dictate that more than one frequency is necessary. Conditions over which the Net Control Station may have no control often can ruin a net. This is particularly true on Amateur Radio bands.

The main reason a statewide HF net is unrealistic over an area as large as California, for example, is that the typical emergency involves only one location or area. Thus, the best frequency dictated by propagation characteristics is selected. The requirement is to communicate between Point A and Point B --- not the entire state.

This is why station operators shouldn't be too upset about poor conditions between other stations and excellent results between others. All too often it is simply the laws of marginal propagation being in charge.

If wide area nets are really necessary to disseminate information or assure total station participation, sub-nets are necessary. This means breaking the larger area into perhaps two areas and changing to a more appropriate frequency to do so.

Antennas for DX serve no purpose in our nets. Near Vertical Incidence Skywave-- or NVIS—antennas will improve your nets more than any other step. The NVIS antenna is just a few feet off the ground. A fixed station NVIS antenna is always horizontal and is installed, for practical purposes, anywhere between 7 and 25 feet(no more) above the ground. The same is true of a mobile HF antenna; it is always horizontal and never vertical. Now, doesn't that make your garage happy?

The horizontal antenna is a dipole cut to the lowest operating frequency. If it must operate on more than one frequency (and I don't know a service that can) it must either be a broadband dipole designed for this service (B&W is notable) or a single wire dipole connected to an external automatic antenna tuner (SGC, Motorola and perhaps others). "Antenna tuners built in to the HF transceivers do not qualify to do the job. The feedline required is beyond the scope of this brief paper.

This summary is based upon the assumption that the reader has some familiarity with the subject of Near Vertical Incidence Skywave HF-SSB propagation for communications between 1.9 MHz and around 10 MHz. NVIS is essential to anyone requiring HF communication from one to 400 miles. Such users include the RACES, Operation SECURE, the Civil Air Patrol, FEMA, the U.S. Forest Service, MARS, and others. This information is not found in conventional technical publications and least of all in the field of Amateur Radio. Having said that, here again are the highlights of NVIS (pronounced "nivis").

For practical communications plans and operations, NVIS functions between 1.8 MHz to 10 MHz. Much above that and the signal penetrates the ionospheric layer instead of the desired reflection back to earth.

Using a "NVIS antenna" provides total coverage for a radius of 300 to 400 miles from any such station.

A NVIS antenna is always horizontal. A vertical antenna can never be used, including mobiles.

A NVIS antenna has omnidirectional radiation; in other words, it makes no difference how you orient your antenna.

A NVIS antenna is low; it MUST be low. Attempt to keep it no more than twenty feet above electrical or earth ground.

A multi-frequency NVIS antenna requires a remote and automatic antenna tuner at the end of the coaxial cable and before the antenna system.

If you use a dipole antenna with an automatic antenna tuner to operate on more than one frequency, cut the dipole to the lowest frequency to be used with the conventional formula.

An existing dipole antenna over twenty feet high can be expediently modified to obtain a degree of NVIS performance. This is done by allowing the feedpoint to stay two to fifteen feet below the ends of the antenna.

A horizontal broadband antenna may be used without an automatic antenna tuner for a base station.

End-fed long wire antennas are NOT recommended. Unbalanced antennas are prone to creating interference to telephones and other electronic systems in the vicinity.

When the user has a choice of several frequencies, the best choice is generally ten percent below the MUF or Maximum Usable Frequency obtained from propagation programs.

Now, and for the next several years, solar activity will affect HF communicators in a manner to which most are not accustomed. Amateur Radio operators will find that 80 Meters will often work better in the daytime than 40 Meters, and that 160 Meters will be better than 80 at night. The Civil Air Patrol will find that it must use 2347 kHz at night instead of 4585 for more reliable communications necessary up to 400 miles away. This may mean some necessary equipment and antenna changes. One thing is certain---this condition will be with us for several years and justify the expense.

In summation, HF-SSB and NVIS will climb out of the deepest canyons, hop the highest mountains, never require any repeaters or other intermediate relays. And some thought high frequency radio was an ancient art!

If you have not joined ARES/RACES and would like to, contact Alan, KB7SVU, ARES Emergency Coordinator, at 840-4947 or Bob, KB7NBQ, RACES Radio Officer at 206-875-0577 or see Shirley, N7QHW, at any Radio Club of Tacoma meeting for an application.
73 Shirley, N7QHW

COMING HAM FESTS

June 7 Kootenai Hamfest, Rathdrum, ID
June 13-15 NW Div. Convention, Seaside, OR
July 12 Tri-Cities ARC, WA Tailgate Swapmeet, Kennewick
July 18-20 Glacier-Waterton International Hamfest, MT
July 19 Coos Bay Hamfest, North Bend, OR
August 2-3 Spokane Hamfest
August 9 Tacoma Flea Market
August 10 Central Oregon DX Club, Redmond, OR
August 16 Lower Columbia ARA, Longview, WA

Amateur Radio Exams

in the Puget Sound Region as of May, 1996

1st Tuesday - 7 PM - **Puyallup** Fire Station, 128th one block west of Meridian, Puyallup - Contact Mi Horbul, KI7YB, 845-2545.

1st Thursday - 7 PM - Helen Keller Elementary Scho 13820 108th Ave. NE, **Kirkland** - Contact Bri Wood, KF7QF, 481-2361, Bothell

1st Saturday - 1 PM - Boeing Recreation Center - 226 83rd Ave So, **Kent** - Contact Burt Mendez, KB7ZC 824-2785, Seattle

2nd Tuesday - 6:30 PM - **Everett** - Cascade High Sch - 801 E. Casino Rd - Contact Larry Luchi, W7KZ 355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clu house - Contact Shirley Murphy, N7QHW, 265-366

2nd & 4th Thursdays - 7:00 PM - **Ft. Lewis** Radio Cl - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 140 Interurban Ave, South - Contact Harry Lew W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - **Auburn** - Fire Station, 1101 D NE - Contact Dave Barber, K7LHB, 432-1594, Ma Valley

3rd Saturday - 9:00 AM - **Ferndale** - American Legi Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 38 0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Good Neighbor Cent 305 S. 43Rd St - Contact Mike Dinkelman, WA7U 854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Ca Highway 2 - Contact Dave Axe, 793-2526, W7AG Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesa** High School - Pearsall Center, 2109 Sumner Ave next session - September 21 - Contact Nick Bend NX7W, 249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Buildin Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activ Center, 6400 36th Ave. West - Contact Dway Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - **Marysville** - Library - 4822 Gro St. - Contact Loren Hole, KK7M, 335-5258, La Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-11 Technical Bldg, Olympic College - Contact Da Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olym Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 123 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

◊ News from the ARRL ◊

de Jerry, W7BUN

W7BUN

Gleened by K8RN
From the ARRL Letter

STS-83 REFLY IS A "GO" FOR JULY WITH SAREX ON BOARD

Word from NASA this week is that shuttle mission STS-83--cut short in early April because of a fuel cell problem aboard the spacecraft--will be reflown in July with the Shuttle Amateur Radio EXperiment--SAREX--aboard!

W2AX ATTEMPTS TO FILL SHIPBOARD CW GAP

While aboard the Queen Elizabeth II for an around-the-world cruise earlier this year, Larry Amodeo, W2AX, found his CW ability suddenly in demand. While operating /mm from the ship's ham radio shack--which is located in the QE2's radio room--the ship's radio operator called him over to see if Amodeo could copy what he thought was a distress call on 500 kHz--the old maritime emergency frequency. By the time he got to the ship's radio, the signal was gone. Amodeo went back to 20 meters, but the ship's operator called him over again after a few minutes when the distress signal reappeared. "It quit by the time I got there," he said. But the third time around, Amodeo managed to copy "4X" out of the noise. He surmised the vessel might be of Israeli registry, but he was not able to copy anything further. The next day, however, he learned his hunch was correct. An Israeli freighter had run aground off Fiji. Another ship intercepted the call and, fortunately, there were no casualties.

FCC PROPOSES, ARRL OPPOSES VANITY LICENSE FEE HIKE

Last month, the FCC proposed effectively raising the fee for a vanity call sign from $30 to $50 for the 10-year license term. Now, the ARRL has asked the Commission to postpone the higher fee until after all four vanity call sign gates have been opened. In comments filed April 23, the ARRL told the FCC that it does not object to the fee increase per se but said that it wants all hams to have an opportunity to request a specific call sign under the current fee schedule.

APPLE TAKES EXCEPTION TO LEAGUE'S 5-GHz STAND

Apple Computer has taken exception to objections by the ARRL opposing Apple's efforts to deploy so-called Unlicensed National Information Infrastructure (U-NII) devices in the 5-GHz range. Earlier this year, the FCC made available 5.15 to 5.35 and 5.725 to 5.825 GHz to U-NII devices under Part 15 of its rules. The spectrum involved includes part of a secondary Amateur Radio allocation. The ARRL has filed comments opposing Apple's requests insofar as they would increase the potential for interference to amateur operations. Part 15 requires that unlicensed operations not interfere with other services. The U-NII devices would provide short-range, high-speed wireless digital communication.

Apple said the League's objections "reflect the League's general opposition to any shared use of Amateur Radio Service frequencies, rather than the presence of any real threat to Amateur Service operations posed by Apple's proposal." Apple said the ARRL failed to show that non-spread spectrum U-NII transmitters using highly directional antennas pose any greater interference threat to hams than do spread spectrum transmitters using highly directional antennas.

WISCONSIN HAMS ASKED TO PREPARE FOR POWER BLACKOUTS

Hams groups in Wisconsin have been asked to prepare to help out in the event of possible power outages this spring and summer -- some of which may be unannounced -- because a significant portion of the region's power-generating capacity is out of commission. The Wisconsin Reliability Assessment Group -- a cooperative of the region's electric utilities -- says that about one-third of the region's nuclear-powered generating capacity is "temporarily or permanently out of service." This includes several nuclear units in Illinois, a source of backup power for Wisconsin. In addition, 12 of the state's fossil-fuel plants were scheduled to be down for maintenance during April and May.

SISTER ALVERNA RETIRES FROM HANDI-HAM SYSTEM

ARRL Humanitarian Award winner Sister Alverna O'Laughlin, WA0SGJ -- a mainstay of the Courage HANDI-HAM System -- retired on April 28. "Sister" (as she's known) worked at Courage Center for 16 years, serving as educational services coordinator in the HANDI-HAM Program.

Continued on next page

Radio Club of Tacoma License Exams

JUNE 10, 1997

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.25. For information call:
Shirley Murphy, N7QHW, at (206)265-3661

She was one of the original member-volunteers when the late Ned Carman, W0ZSW, founded the program in 1967. Sister was first licensed in 1967 as WN0SGJ, and now holds an Advanced Class license. She received the Humanitarian Award from ARRL for her good work with persons who have severe physical disabilities and sensory impairments.

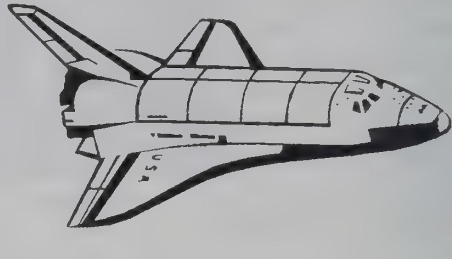
KENWOOD SERVICE CORPORATION RUMORS INCORRECT

Despite rumors and reports to the contrary, Kenwood Service Corporation is still very much in business on both coasts, according to Kenwood's Paul Middleton, KD6NUH. Kenwood Service Center West held an open house April 25 at its new location at 13030 Alondra Blvd #104, Cerritos, CA 90703-2257; tel 562-483-8740. The service center moved from Long Beach, California, earlier this year. The Kenwood Service Corporation is separate from Kenwood Communications Corporation, and the two service centers are independently operated but chartered and regulated by Kenwood. Kenwood Service Center East is in Virginia.

ITU CONCLUDES PRE-WRC-97 TALKS

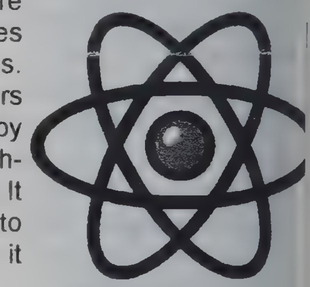
The ITU Conference Preparatory Meeting (CPM) for WRC 97 has just concluded two weeks of deliberations in Geneva, Switzerland. The work of CPM has resulted in the preparation of a 250+ page book of combined technical output from the various ITU study groups as well as the concerns of the member states. Issues of special interest to radio amateurs that were taken up in preparation for WRC 97 included the possibility of additional frequency allocations to the Mobile Satellite Service operating below 1 GHz--familiar to hams as "the little LEO issue." No specific frequencies have been identified in th CPM report for reallocation. Although the report do address a number of sharing possibilities, it makes mention of sharing with the Amateur Service.

HAMS ABOARD SHUTTLE FLIGHT; KB5UAC TO B ACTIVE FROM MIR

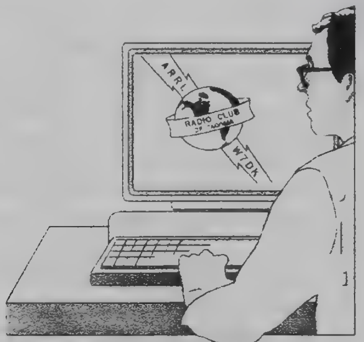


Ham-astronaut Mike Foale, KB5UAC, took off on th space shuttle A lantis Thursda May 15, to swa places with co league Jer Linenge KB5HBR, aboa the Russian M space station. Th mission is the sixth docking with the Mir space statio During the STS-84 pre-flight press conference, Foa talked about ham radio and his stay aboard Mir. Foale scheduled to remain aboard Mir until September.

ELECTRON IS 100; TRANSISTOR IS 50



Scientists recently marked the 100th anniversary of t 1897 presentation before the British Royal Academy Sciences of a paper by physicist J. J. Thompson that fi recognized the existence of the electron. In his presen-tion, Thompson described how he discovered, experime-tally, that cathode rays were negatively charged particles which he dubbed electrons. The transistor turns 50 years old this year. It was invented by Bell Labs (now Lucent Technologies) in December, 1947. It costs one million times less to make a transistor today than it did 30 years ago.



CHECK IT OUT!

RCT Web Page:
www.mashell.com/~roblee/rct.htm

Editor's Notes

de N0EYK

E-Mail address:
N0EYK@excell.com
or knace@excell.com

FIELD DAY!!! Get involved and help make our efforts happen! Sign up at meetings or come to the planning meeting on Monday, June 2nd, 7 PM, at the clubhouse. We will see you there!

73, Kathleen

JUNE VHF QSO PARTY

de David Dodd. WB7AUJ

Want to practice a little contest operating to get ready for Field Day? Here's your opportunity. The June VHF QSO Party begins at 18:00 UTC (10am PT) Saturday June 14 and ends at 0300 UTC June 16 (7pm PT Sunday June 15).

The object of this contest is to work as many amateur stations in as many different 2° x 1° grid squares as possible using authorized frequencies above 50 MHz (50, 144, 222, 432, 902, 1296, 2304- and-up).

You can operate by yourself (Single Operator), join a group (Mulitioperator) or operate from several different portable locations during the contest period (Rover). There is a special class of Single Operator (QRP Portable) for the adventuresome kind. Run 10 watts output or less using a portable power source from a portable location. (The intent of this rule is to encourage operation from 'remote' locations, not to have home or fixed stations run low power.) Climb Mount Rainier for this one. 14,110 feet is the best elevation you can get in this area.

Marine Mobile is also considered a separate class. Have a boat?? Take it out in the Sound and compete in this special class. Sorry, no aeronautical mobile operations are permitted.

The exchange (information you give and receive from the stations you contact) for this contest is your grid square. As you probably remember from you school days, the earth is divided by degrees of longitude and latitude. Some ingenious person developed a numbering scheme for 2° X 1° grid squares. There is no space here to go into all the detail, so I'll just say that Tacoma is in qrid square 'CN87'.

You may work (contact) stations for credit only once per band from any given grid square, regardless of mode (FM, SSB, CW). Translation - you can't work someone on 2 meter FM and then work them again for credit on 2 meter SSB. You can talk to them but not credit for the contact. This does not prohibit working a stations from more than one grid square with the same call (Rovers). Cross band contacts do not count.

Partial QSO's do not count. Both calls, the full exchange and acknowledgement must be sent, received and logged. Translation - I would say "W7DK THIS IS WB7AUJ CN87". The person operating W7DK would say "QSL, WB7AUJ THIS IS W7DK CN87". I would then acknowledge the exchange "W7DK THIS IS WB7AUJ QSL".

Only one signal per band at any given time is permitted, regardless of mode. Translation - If you are participating in a Mulitioperator station, one of you can not be making contacts on 2 meter SSB or CW while another is making contacts on 2 meter FM.

Multioperator stations may not include QSO's with their own operators except on frequencies high than 2.3 GHz. Translation - If you are participating in a Multioperator station, you can't take your handheld and make a contact with the group call using your own call.

A station located precisely on a dividing line between two grid squares must select one as the location for exchange purposes. A different grid-square multiplier cannot be given out without moving the complete station (including antennas) at least 100 meters.

There are some very special restrictions on the use of FM for this contest. Retransmitting either or both stations, or use of repeater frequencies, is not permitted. This prohibits the use of all repeater frequencies. Contest entrants may not transmit on repeaters or repeater frequencies for the purpose of soliciting contacts.

Use of the national simplex frequency or immediate adjacent guard frequencies is prohibited. Contest entrants may not transmit on these frequencies for the purpose of making or soliciting QSO's. The intent of this rule is to protect the national simplex frequency form contest monopolization. There are no such restrictions on the use of 223.50 MHZ (In fact that is where you will hear people calling CQ on 222).

Only recognized simplex frequencis may be used on 2 meters, such as 144.90 to 145.00; 146.49, .55 and .58; and 147.42, .45, .48, .51, .54, .57 MHz. Local-option simplex fequencies adjacent to the above that do not violate the intent of the above restrictions and the spirit and intent of the band plans as recommended in the ARRL Repeater Directory may be used for contest purposes.

Participants are reminded that the segment 50.100-50.125 MHZ of the 6 meter band is by convention reserved for intercontinental QSO's only.

MINUTES

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING
APRIL 23, 1997

The Radio Club of Tacoma meeting was called to order at 7:30 PM by President Mike Crawford, WB7DFQ. Following the pledge of allegiance, led by Jerry Hathaway, K7ETU, and introductions, the Club welcomed visitors Louis Metz, WK7WUV, Michael Hall, KJ7WC, Don Pinson, KB7ZKY, Jack Hipple, WA7TUC, Jim Sutton, WA7PHD, and Dick Loden who used to operate as KL7CYU from Kodiak island Naval station.

CORRESPONDENCE: Carl, N7UDP, said the club received the March/April KENWOOD Report and information on FIELDSTAR - 97 presented by Northwest Astronomy Group & Northwest Astronomy Net. This event will be June 27th through June 29th, and is located at Vernonia Peak Observatory, Vernonia, Oregon. There will be Ham Radio Contests, Star Parties, a Swap Meet, and Field Day. These correspondence will be posted on the Club House Bulletin Board if you need more information.

TREASURER'S REPORT:
Treasurer's report is approved.

General Fund Checking	$594.07
Repeater Fund Checking	346.01
Packet Fund Checking	500.00
Flea Market Checking	816.50
Money Market Savings	15,172.68
Scholarship Working Fund	700.00
Scholarship Memorial Fund	2,796.31
Fence Fund	78.34
Available Cash	6.20

There are 427 1997 members.

PROGRAM: Bill, W7GBC, introduced this evenings program. Jan Twardowski, K7JT, presented a slide show of a three week vacation in New Zealand. They leased a sail boat, and rented a car while there. Jan said the 14 hour flight from L. A. was worth it to see the beautiful scenery of New Zealand. The many gorgeous slides gave testimony to that. Thanks to Jan for sharing.

COMMITTEE REPORTS:

ARES: Shirley, N7QHW, said the March of Dimes is coming up and they will need help. Contact Judy, N7NII.

BARK: They're back! Kathleen, NØEYK, and Roge K8RN, have returned to the Evergreen State. Kathlee NØEYK, said you can E-mail your articles directly to he The deadline is still the 15th of the month.

PUYALLUP FAIR: Kathleen, NØEYK, is looking fo someone to take over the chairmanship of the RCT boot at the Puyallup Fair. There is a lot of work to do befor September. Kathleen said the antennas need to b repaired.

TRAINING & EDUCATION: Bill, W7GBC, announce the next concentrated training class will be on June th 7th & 8th.

AWARDS POT LUCK: Marilyn, KJ7BN, announced it w be this Saturday the 26th of April, at the T.A.C.I. building at 6:00 p.m. Bring a hot dish or salad.

MOTHERS DAY BREAKFAST: Rich Manso N7ANF,announced it will be on Sunday May the 11t from 8:00 a.m. to 11:00 a.m. at the club house. The co will be $3.00 per meal per male.

FLEA MARKET: The date has been established a August 9th at Charles Wright Academy. Volunteers ar welcome and needed.

FIELD DAY: The chairman, David Dodd, WB7AU announced the date will be June 28th & 29th, and will b the same place as last year.

HINTS & KINKS: #10 or #12 copper house wi (stripped) can be shaped and used as a replacement t for your soldering gun (iron).

TUNING AND TRAFFIC: Bands are dead.
Attendance: 65
The meeting was adjourned at 8:43p.m.

Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

FIELD DAY
1997
BE THERE!!!

SPECIAL
SERVICE
CLUB

WANTED

Bob Hagar, W7SKI, is looking for ham call plates from any state for his collection. It will be fun to see them on display at various club events. If you have one (or some) that are in nee of a home, Bob has a spot for them! Bring them to him a club meetings or call him at (253)845-2300. Thanks!

JOIN THE EXCITING WORLD OF HAM RADIO

AND RECEIVE YOUR TECHNICIAN LICENSE FROM

ONE WEEKEND CLASS

NO-CODE TECHNICIAN
AMATEUR RADIO LICENSE

Saturday, June 7
and
Sunday, June 8, 1997

9 AM TO 5 PM
Sponsored by:
The Radio Club of Tacoma

1249 South Washington Street - Tacoma

To Register, Call:

Bill Shimmin - 206-584-1086
or
Al Burleson - 206-474-9023

Bring a sack lunch to class!
Fee for the class is $10
Books will be available at the class for $19

RADIO CLUB OF TACOMA, W7DK

Tacoma
Electronics Fleamarket

Saturday, August 9, 1997
Charles Wright Academy
7723 Chambers Creek Rd West
Tacoma, WA
Open 9 AM to 3 PM

Admission $4 (12 and under **FREE**)

Overnight RVs: $2 (Self Contained - Friday Night Only)

RVs: Pay upon arrival and recieve parking assignment

License Examinations Will Not Be Available at the Flea Market.

However, License Examinations will be given at the Radio Club of Tacoma Clubhouse on Tuesday Aug. 12 at 7 P.M. Call Shirley Murphy 206-265-3661 for more information

For More Info call:
Alan @ 206-840-4947
Bill @ 206-584-1086
Al @ 206-474-9023

☞ DOOR PRIZES
☞ FREE Parking
☞ Ham Gear
☞ Commercial Displays
☞ Computers & Electronic Equipm
☞ Country Store Available for Consignment Sales

☺ Talk - In on 147.28+ ☺

RETURN THIS PORTION FOR TABLE RESERVATIONS ONLY

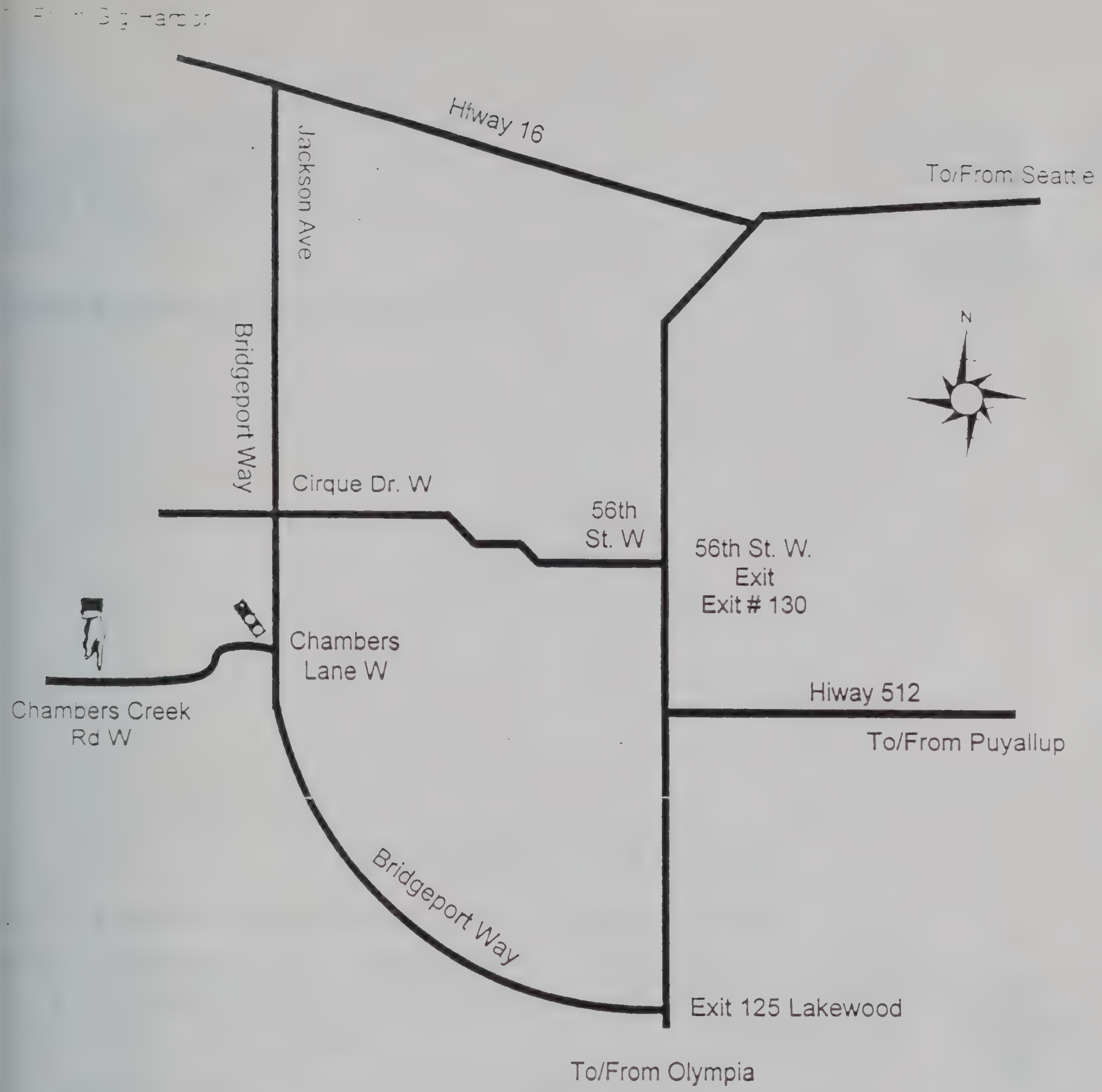
Make Checks Payable to RCT Setup Friday 5 - 9 PM and Saturday 6 - 9 AM

Mail to: Radio Club of Tacoma Box 11188 Tacoma, WA 98411

#	Description	$
	Non - Commercial Tables @ $15 each All Tables sold include one admission	
	Helper Admissions @ $4 each We reserve the right to limit the number of helpers	
	Commercial Booths @ $40 each includes 2 admissions	
	Total Enclosed =	

Name: ____________
Call: ____________
Address :____________
____
City: ____________
State: _____ Zip: ____________
Phone: ____________

Do you Need Power? YES NO
Power is Limited, First come First Served


To/From Gig Harbor
Hiway 16
To/From Seattle
Jackson Ave
Bridgeport Way
N
Cirque Dr. W
56th
St. W
56th St. W.
Exit
Exit # 130
Chambers
Lane W
Chambers Creek
Rd W
Hiway 512
To/From Puyallup
Bridgeport Way
Exit 125 Lakewood
To/From Olympia

Map Not Drawn to Scale! Any Questions Use the Call In Freq. and someone willl help you out

TJL
1997

7/97

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

ADDRESS CORRECTION REQUESTED

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TACOMA, WA
PERMIT NO. 1078

COMING EVENTS

JULY 2 - **Board Meeting** at the Clubhouse - 7:30 PM - All members are welcome.

JULY 8 - **License Exams** - 7 PM - at the Clubhouse

JULY 9 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM

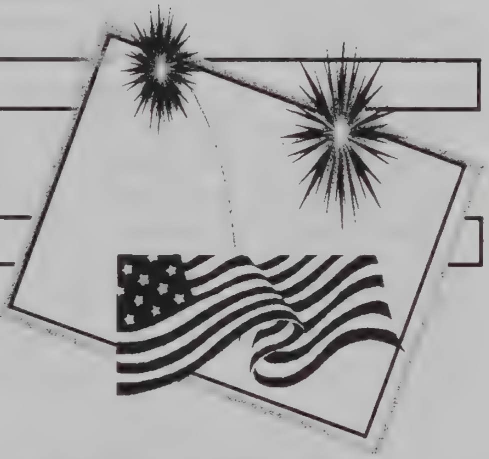
JULY 12 - 13 - CQ WW VHF Contest

JULY 15 - BARK deadline (Early is OK! On time is better than not at all.)

JULY 23 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM

JULY 26 - 27 - RSGB Islands-on-the-Air Contest

JULY 28 - Ladies Pinochle - Noon at the Clubhouse



Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.

Happy 4th of July!

THE LOGGER'S BARK
RADIO CLUB W7DK OF TACOMA

VOL. XXXIV NR. 7 W7DK JULY 1997

CAUSE OF 20-METER BAND FIRE STILL A MYSTERY AFTER EIGHTEEN YEARS.

This week marks the eighteenth anniversary of the freak fire that destroyed over 50 kHz of the 20-meter band and forced the FCC to shut down most HF ham bands for over 24 hours. Apparently the fire originated on about 14.280 MHz following an unusually long series of QSOs by an undetermined number of California stations running very high power and extreme modulation compression. At the time, Marvin Larpsnogg, an FCC Special Frequency Engineer told reporters, "We had a hell of a time putting the fire out. Shutting down the propagation generators did no good at all. The fire spread up and down the band, so we had to turn off all the HF ham bands, from 40 through 10 meters to smother the flames." Finally after three hours the FCC had the fire under control. Most HF bands were back in operation the next day, however 20 meters was closed for more than eight weeks while the charred frequencies were being refurbished. Since that time, many studies have been of the fire and its possible causes. One such study made by Dr. Eugene Peritonitis, Chairman of the Consultative Committee on Frequency Damage, indicated that the cause might be due to thermo-frequency heating (TFH). However, the study's results were inconclusive. Other studies have achieved similarly inconclusive results. Some weeks after the fire, the FCC promised to install a sprinkler system on the band to prevent another disaster. With the advent of government deregulation, however, the sprinkler system was never installed and 20 meters still has no protection. The League of Radio Relaying Americans (LRRA) has expressed concern about this neglect of 20 meters and calls attention to the fact that the 5-meter band was completely wiped out by the holocaust of the late 1930s. Unfortunately, the FCC no longer has the funds to make good on its promise to protect 20 meters. For that reason, all hams should use extreme care when using 20 meters and all other bands. They are a perishable resource. Don't use high power on ANY ham band or use any mode that might ignite a frequency, particularly during openings when the frequencies are especially dry. Remember, only YOU can prevent band fires.

(tnx N8JR)

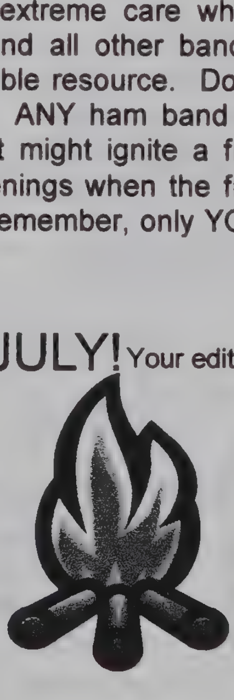
▶ **ARRL NEWS** - Page 6

HAPPY APRIL IN JULY! Your editor

▶▶▶ *ADDRESS CHANGES* ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail.

Send changes to: Radio Club of Tacoma,
PO Box 11188, Tacoma, WA 98411-0188
or give them to the club treasurer at any club meeting.



RADIO CLUB OF TACOMA -- 1997

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V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
SECRETARY	CARL GLIMPSE	N7UDP	845-7966
TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
BOARD (5)	MIKE COMPTON	KB7ZDR	535-5144
	RUSSELL FOSTER	KJ7YP	473-6614
	DAN KELLY	N7QWH	535-2622
	ALAN HUGHES	KB7SVU	840-4947
	JERRY SELIGMAN	W7BUN	845-7652
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PUBLISHER	W7DK PRESS	N7QHW	265-3661

◆ ◆ ◆

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Modem or mail all articles to Kathleen Nace, N0EYK, 2812 204th Ave.Ct.E., Sumner, WA 98390 or e-mail: kathleen@excell.com. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
THE LOGGER'S BARK**, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma
147.88 / .28 MHz 144.97 - Packet
147.98 / .38 MHz (pl 103.5) 441.00 - Packet
449.175 / 444.175 MHz KC7DDA

New Members

Reinstatements

Address/Phone Changes/Corrections

Johnny Johnson, KJ7M
Change phone to 253-584-1628

Al Williams, K7PUC
Phone is 360-753-1328

Change following persons **CITY to University Place**
Marvin & Jean Wheeler
Sam Steere Jr
Laurence Seaman
Mark M Rhoden
Rob Lee
Jeff A Freedman
Jack Davis

Change following persons **CITY to Fircrest**
Eva Anderson
Ray Carlson
Frank & Doris Emigh
Luis Torres

Jack Braucht
Change **city to Tacoma**

Chris Cowgill
Change **city to Sumner**

Hugh Gardner
Change **city to Sumner**

New Calls/Upgrades

Silent Keys

Bill Freiday, WA7JAM

* * *

HELP WANTED!

GET INVOLVED!
FLEA MARKET '97

PINOCHLE

SUMMER SCHEDULE

Ladies Pinochle - 12 Noon
4th Monday of the Month
at the Clubhouse.

Your Ad Could Be Here!

Call, Shirley, N7QHW at (253)265-3661 for info.

SECOND BYTE
NEW & USED MS-DOS COMPUTERS
ACCESSORIES, PERIPHERALS, AND UPGRADES
N7ARO
Roy Richards
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Bremerton, WA 98311
Voice/Fax: (360) 479-2619
E-mail: 2ndbyte@kendaco.telebyte.com

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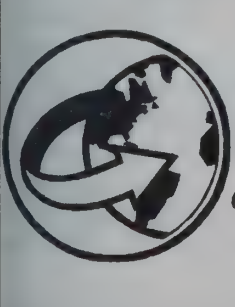
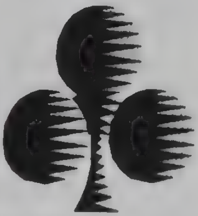
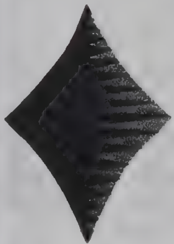
(206) 471-1000
(800) 585-8500
AJ7Y
DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409



AMATEUR RADIO Friendships around the world!

PINOCHLE TOURNY OVER TIL FALL





The Pinochle Tournament ended with the largest turnout - 15 players. After a very nice potluck of well balanced selections, we sat down to 3 tables of 4 handed and 1 table of 3 handed pinochle. The winners for the night were Peggy Maner, KC7WLR, and Art Ives, AA7EO.

It was a close race for winners of the year, but Marilyn Moore, xyl of WA7ENB, and Gene Stoll, W7IIU, walked away with the winnings! Winners are selected from the best 6 game totals earned during the 10 nights of play during the season.

Those attending agreed on starting the '97-'98 season on September 6th at the Clubhouse with the usual potluck to start the evening at 7 PM. All W7DK Pinochle players are invited. Come and join the fun and fellowship!

73, Ethel, W7WLX

Editor's Notes

de N0EYK

E-Mail address:
N0EYK@excell.com
or knace@excell.com

WELCOME TO SUMMER?!

Here we are, past the first day of summer, and it is cool and damp. Where are those sunny May days? I hope that they will be back soon!

Field Day will be over by the time you get this newsletter. Hopefully, many of you participated and all went well.

Our next event is our only fund raiser of the year. PLEASE sign up soon to help with one or more of the many areas that require YOUR help. August is right around the corner!

Have a great month!

73, Kathleen, N0EYK

ARES/RACES

N7QHW

SPRING is over and there is just one public service event left for this time of the year. It is the Tour de Pierce Bik-a-thon held the second weekend of July. Lots of amateur radio operators are needed to support this function so please consider volunteering. Contact Alan, KB7SVU, at RCT meetings or at 253-840-4947. You can also contact Judy, N7NII, at 253-847-5198 to volunteer. If we have lots of volunteers, then not any one person gets overloaded.

Remember, check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan, Bob or Shirley(info at the end of the article).

Also, find out which Fire District and Fire Zone you are in and let us know. Volunteers are still needed for manager positions, contact Alan or Bob to volunteer. Judy, N7NII, who has done a magnificent job as the Public Service Event Coordinator for the past few years needs a break. We are looking for a replacement so please consider volunteering. Contact Bob or Alan. A great big THANK YOU to Judy for all her hard work. It is greatly appreciated by everyone and believe me, she will be greatly missed.

For those of you who have Internet access here are a couple of addresses of
interest to RACES and ARES persons.

1) FEMA (Federal Emergency Management Agency)
http://www.fema.gov/homepage.htm
2) Washington State Emergency Management
http://www.wa.gov/mil/wsem/
3) Medical Services Team(under Seattle ACS page)
http://www.pan.ci.seattle.wa.us/seattle/engr/home.htm

Never thought we would need to say anything about tornadoes but they do happen here so thought some of this information might be helpful for future reference. This information comes from a book published by FEMA called "Are You Ready".

TORNADOES

Tornadoes are nature's most violent storms and can leave an area devastated in seconds. A tornado appears as a rotating, funnel-shaped cloud, striking the ground with whirling winds of up to 200 miles per hour or more. A tornado spins like a top and may sound like an airplane or train. Although tornadoes normally travel for up to 10 miles before they subside, 200-mile "tornado tracks" have been reported. Tornadoes can strike at any time of year and often accompany hurricanes. They occur most frequently during April, May and June.

WHAT TO DO BEFORE A TORNADO STRIKES

1. Know the terms used to describe tornado threats. A "tornado watch" means tornadoes, severe thunderstorms, or both, are possible. Stay tuned t radio and television reports in your area. Keep watch on the sky. A "tornad warning" means tornadoes have bee sighted. You should take shelter immed ately.

2. If you see any revolving, funne shaped clouds, report them immediately b telephone to your local police departme or sheriff's office or dial 911.

3. Know the locations of designate shelter areas in public facilities, such a schools, public buildings and shoppin centers.

4. Have emergency supplies on han during tornado season.

5. Be sure everyone in your househol knows in advance where to go and what t do in case of a tornado warning.

6. If you live in a single-family house i a tornado-prone area, reinforce an interi room to use as a shelter--the basemen storm cellar or a closet on the lower lever your house.

7. Make an inventory of your household furnishing and other possessions. Supplement the written invento with photographs. Keep inventories and photos in a sa deposit box or some other safe place away from th premises.

WHAT TO DO DURING A TORNADO

1. Whenever severe thunderstorms threaten your are listen to radio and television newscasts for the late information and instructions.
2. When a tornado has been sighted, stay away fro windows, doors and outside walls. Protect your hea from falling objects or flying debris. Take cover imm diately, wherever your are: In a house or sma building, go the basement or storm cellar. If there no basement, go to an interior part of the structure the lower level(closets, interior hallways). In eith case, get under something sturdy(such as a hea table) and stay there until the danger has passed. a school, nursing home, hospital, factory or shoppi center, go to pre-designated shelter areas. Interi hallways on the lowest floor are usually safest. St away from windows and open spaces. Coopera with the staff and authorities--they have had traini about how to deal with emergencies. In a high-ri building, go to small, interior rooms or hallways the lowest floor possible. In a vehicle, trailer mobile home, get out immediately and go to a mo substantial structure. If there is no shelter nearby, flat in the nearest ditch, ravine or culvert with yo hands shielding your head.
3. Do not attempt to flee from a tornado in a car or oth vehicle. They are no match for the swift, erra movement of these storms.

WHAT TO DO AFTER A TORNADO

1. Use great caution when entering a building damaged from high winds. When entering or cleaning a tornado-damaged building, be sure that walls, ceiling and roof are in place and that the structure rests firmly on the foundation.
2. Look out for broken glass and downed power lines.
3. Check for injuries. Do not attempt to move seriously injured persons unless they are in immediate danger of further injury. Call for help immediately. If the victim is unconscious or has head or facial injuries and you are reasonably sure there has been no spinal cord injury, raise the person's head and shoulders slightly. Be sure the head and upper back are supported, and clear the airway so that he or she will not choke. Maintain body temperature with blankets. Be sure the victim does not become overheated. Never try to feed liquids to an unconscious person.

LIGHTNING

Lightning is a serious hazard during thunderstorms and tornadoes. Take these special precautions if you are threatened by lightning.

1. When a thunderstorm threatens, get inside a home or large building or inside an all metal vehicle (not a convertible).
2. Inside a home, avoid using the telephone, except for emergencies.
3. If outside, with no time to reach a safe building or an automobile follow these rules: Do not stand underneath a natural lightning rod such as a tall, isolated tree in an open area. Avoid projecting above the surrounding landscape, as you would do if you were standing on a hilltop, in an open field, on the beach or fishing from a small boat. Get out of and away from open water. Get away from tractors and other metal farm equipment. Get off of and away from motorcycles, scooters, golf carts and bicycles. Put down golf clubs. Stay away from wire fences, clotheslines, metal pipes, rails and other metallic paths which could carry lightning to you from some distance away. Avoid standing in small isolated sheds or other small structures in open areas. In a forest, seek shelter in a low area under a thick growth of small trees. In open areas, go to a low place such as a ravine or valley. Be alert for flash floods. If you are isolated in a level field or prairie and you feel your hair stand on end (which shows that lightning is about to strike), drop to your knees and bend forward putting your hands on your knees. Do not lie flat on the ground.

If you have not joined ARES/RACES and would like to, contact Alan, KB7SVU, ARES Emergency Coordinator, at 840-4947 or Bob, KB7NBQ, RACES Radio Officer at 206-875-0577 or see Shirley, N7QHW, at any Radio Club of Tacoma meeting for an application.

73, Shirley, N7QHW

Amateur Radio Exams

in the Puget Sound Region as of May, 1996

1st Tuesday - 7 PM - **Puyallup** Fire Station, 128th St. one block west of Meridian, Puyallup - Contact Mike Horbul, KI7YB, 845-2545.

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, **Kent** - Contact Burt Mendez, KB7ZCW, 824-2785, Seattle

2nd Tuesday - 6:30 PM - **Everett** - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clubhouse - Contact Shirley Murphy, N7QHW, 265-3661

2nd & 4th Thursdays - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - **Auburn** - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave - next session - September 21 - Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

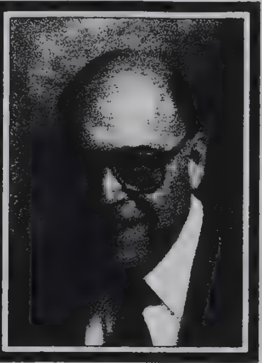
4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

◊ News from the ARRL ◊

de Jerry, W7BUN


W7BUN

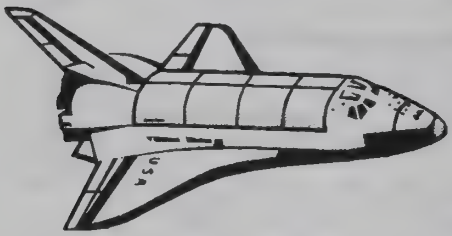
Gleened by K8RN from The ARRL Letter and the American Radio Relay League.

CONGRESS ACTS TO PROTECT VOLUNTEERS

The Senate has passed S 544, and the House has passed a companion bill, HR 911, each described as "The Volunteer Protection Act of 1997." The Senate is expected to adopt the House version of the bill, HR 911, and send it along to the President for signature. As a result, volunteers of nonprofit organizations and government entities will, in the words of the House Judiciary Committee report on the bill, "generally be relieved of liability for harm caused if . . . the volunteer was acting within the scope of the volunteer's responsibilities." In non-legalese, this means that you aren't as likely to be sued as a result of harm unintentionally caused to someone else, if your actions were part of your responsibilities as a volunteer working on behalf of a government agency or a non-profit organization. However, until the bill is signed by the President and its various loopholes pass the scrutiny of the legal community, volunteers shouldn't assume they'll automatically be covered.

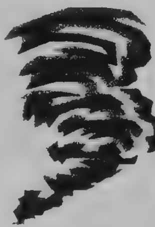
MIKE FOALE, KB5UAC, ABOARD AND ACTIVE FROM MIR

Ham-astronaut Mike Foale, KB5UAC, who swapped places with Jerry Linenger, KC5HBR, aboard the Russian Mir space station in mid-May, already is making good on his promise to keep Mir active on the ham bands. The Mir frequencies are 145.800 MHz (downlink) and 145.200 MHz (uplink).



HAMS HELP IN WAKE OF DEVASTATING TEXAS TORNADO

Last fall, it was just a test, but on May 27, nearly 100 hams in Travis and Williamson counties in Texas faced the real thing when devastating tornadoes swept through central Texas, killing more than two dozen, injuring many others, and causing extensive property damage. Hams from Waco to Austin were involved as the killer storms tore through the heart of the Lone Star State. District Emergency Coordinator Joe Fisher, K5EJL, of Austi Texas, says the earlier training activity paid off. Back November, ARES groups from the two counties and Re Cross participated jointly in a 6 to 7-hour-long drill. Ham tested their communication capabilities, and the Re Cross tested its disaster response effectiveness in th event of floods and tornadoes.



SO LONG, ARS -- THANKS FOR BEING THERE

Amateur Radio Supply closes: Amateur Radio Supply Seattle, Washington, has closed. All parts and invento have been purchased by Radio Depot, Bremerto Washington; tel 360-377-9067.

NEW YORKER'S HAM TICKET SUSPENDED FO 15 MONTHS

The FCC has suspended the Technician Class license a ham in Brooklyn, New York, for causing willful malicious interference, using obscene or indecent la guage and failure to identify. The licensee, Anthor Barben Jr, N2WNF, consented to a 15-month suspensic which resulted from the FCC's efforts to resolve a rash interference cases in the New York City-Long Islar area.

RS-10 SILENCE EXPLAINED

AMSAT News Service reports that the RS-10 beacon, ROBOT and transponder remain silent while designer and builder Andy Papkov carries out experimental work with the satellite from the RS3A command station. Leonid Labutin, UA3CI reports that it is hoped that RS-10 will b active again before its tenth birthday lat this month.

CYBERHAM MAGAZINE QRX

CyberHam Magazine publishers Ger Harlan, WB9MMM, and Shari Harla WB9SFT, have announced that the ma azine has been put "on hold" and ha

Continued on next page

Radio Club of Tacoma License Exams

JULY 8, 1997

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo I pen, pencil/eraser, calculator, and a check made out to ARRL/VEC for $6.25. For information call:

Shirley Murphy, N7QHW, at (206)265-3661

ceased publication. Gene Harlan said the reason is that the magazine has not been successful getting enough new advertisers, and some advertisers had dropped out altogether.

PHASE 3D LAUNCH DELAYED TWO WEEKS

AMSAT Phase 3D officials remain optimistic despite another delay in the launch of the Ariane 502 that is scheduled to carry Phase 3D aloft in mid-September. The European Space Agency, ESA, announced this week that the Ariane 502 launch will be delayed a couple of weeks--until September 30 at the earliest--while the rocket gets another engine.

OL' SOL STILL LAID BACK

The projection for this month shows the solar flux staying in the mid to low 70s. No geomagnetic disturbances are forecast. Now that we are moving into the summertime propagation period, expect sporadic-E layer openings on 10 meters through August. Because fewer people are using 10 meters now than at the peak of the solar cycle, many 10 meter openings may go unnoticed. While solar flux remains far too low to sustain reliable activity on 10, sporadic-E skip does provide some interesting short and medium-path length openings, with single-hop propagation out to about 1,300 miles and multi-hop propagation to about twice that distance.

ARRL
RADIO CLUB
W7OK

CHECK IT OUT!

RCT Web Page:
www.mashell.com/~roblee/rct.htm

For Sale

Tower and Beam 54 Foot Crank-up Tri-Ex Tower Complete Guy Package Ham-M Rotor and cable Hi-Gain Explorer-14 Tri-Band Beam Delivered anywhere in WWA	$995
Kenwood TR-7950 2M Transceiver In-Use as packet station now Works fine - front panel is stained	$115
Kenwood TR-7800 2M Transceiver Working spare in packet station	$95
Kenwood TS-930AT Matching Speaker Antenna Tuner	$645
~~**Kenwood IC-37 Transceiver**~~ ~~222Mhz in great shape with microphone~~	SOLD ~~$95~~
GE MVP Packet Transceiver Crystaled and ready to go on the 9600 Baud 2 Meter repeater	$100
Alinco DR-510 Dual Band 2M and 70CM	$175
Antique Radios from Johnson:	
Ranger	$Call
Desk Kilowatt	$Call
11 Element Cushcraft 2M Beam	$30

All items available for the best offer by July 10, 1997. Call Roger, K8RN, at 253-862-8635.

MINUTES

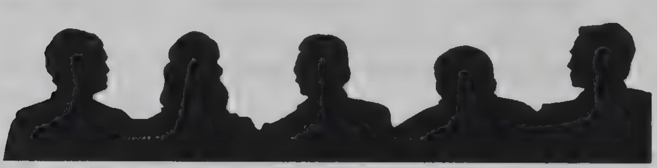
RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
MAY 7, 1997

The Radio Club Board of Directors meeting was called to order at 7:35 PM by Vice President Bill Shimmin, W7GBC. Club officers present were Bill Shimmin, W7GBC, Shirley Murphy, N7QHW, and Carl Glimpse N7UDP, with Board members Mike Compton, KB7ZDR, Dan Kelly, N7QWH, and Alan Hughes, KB7SVU, representing a quorum. There were six guests. The reading of the minutes were dispensed with and will stand approved as published.

TREASURER'S REPORT:
Treasurer's report is approved.

GENERAL FUND CHECKING	$641.84
REPEATER FUND CHECKING	346.01
PACKET FUND CHECKING	500.00
FLEA MARKET CHECKING	816.50
MONEY MARKET SAVINGS	15,172.68
SCHOLARSHIP WORKING FUND	700.00
SCHOLARSHIP MEMORIAL FUND	2,796.31
FENCE FUND	78.34
AVAILABLE CASH	6.08
TOTAL ALL ACCOUNTS	$21,057.76

There are currently 434 1997 members.



COMMITTEE REPORTS:
MEMBERSHIP & TRAINING: Bill, W7GBC, said the last concentrated weekend class, before Fall, will be June the 7th & 8th. Bill noted that the sign-up for the class had slowed down, and doesn't know if it is due to the new $10 fee or just running out of interested people. Bill also said there will be a General Class session offered sometime this fall, now that we will have the video. Shirley, N7QHW, said she had inquiries about an Advanced and Extra Class sessions. Bill said those classes will be addressed depending on the response to the General Class sessions.

FLEA MARKET: Al Burleson, K7HW, says everything is going fine. There are currently 15 tables reserved, including some commercial. Al said, we have a hand held radio for a door prize, donated by Radio Depot in Bremerton, and Amateur Radio Supply in Seattle will donate a door prize, unidentified at this time.

CLUB HOUSE: Danny, KC7CUQ, said the Club House dipole antenna needs work. Danny also asked about Club projects, such as, building electronic devices. (kit radios etc.) Bill, W7GBC, said we should wait until Mike, WB7DFQ, returns to see what he has planned.

FIELD DAY: Field Day chairman David Dodd, WB7AU is getting operators for the various stations. David said the site has been nailed down.

DK at the BEACH: Bill, W7GBC, is still looking for a chairman to handle DK at the Beach.

MOTHERS DAY BREAKFAST: Rich Manson, N7ANF, will set up on Saturday night instead of Sunday mornin The price for non-mothers will be $3.50 per adult, $1.5 for kids 12 and under, and of course Mothers will eat free. The menu will be ham, eggs, hot cakes, orange juice, coffee, and Russell's famous SOS.

BARK: Kathleen Nace, N0EYK, said the 15th of whatever month, is still the deadline for articles. She also says E-mail is the easiest way for her to handle informa tion.

PUYALLUP FAIR: Kathleen, N0EYK, needs someone take over as chairman of the Puyallup Fair. Kathleen said she will help anyone who takes the job, but is unable to continue as chairman.

GARAGE ROOF: Alan Hughes, KB7SVU, said he an K7HW, will do the roofing of the garage. Volunteers are still needed to help with the job. No specific time has been set at this point. The expected cost is $300.

OLD BUSINESS: Bill, W7GBC, is still trying to get the outstanding QSL cards sent out. There still are no cards from the Mt. St Helen's expedition. Shirley, N7QHW, sa there was a mailing party planned to send out these cards.

Shirley also said she will revise the club roster to allow for an E-mail address.

NEW BUSINESS: The Club House lawn need mowing and the refrigerator needs cleaning. Rich, K7ANF, is authorized to do what is necessary to clean out the fridge. Danny, KC7CUQ, said the Club House and property needs to be looked at regarding maintenance and up keep. Bill,W7GBC, recommends a committee to check out what needs to be done. Several people said they would help. Morel,W6LIX, said the club needs to buy a fiberglass extension ladder. $300 was authorized for th purchase of the ladder.

Alan, KB7SVU, requested permission to use the 38 ma chine in conjunction with an ARES/RACES operation o Saturday. Permission was granted.

ADJOURNMENT: The meeting was adjourned at 8:47 p.m.

Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

FLEA MARKET
1997
BE THERE!!!

SPECIAL SERVICE CLUB
ARRL

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING
MAY 14, 1997

The Radio Club of Tacoma, regular meeting was called to order at 7:37 p.m. by Shirley Murphy, N7QHW. Following the pledge of allegiance and introductions, the club welcomed Jim Haskell, KC7CZM, a visitor from Yuma, Arizona.

CORRESPONDENCE: Carl, N7UDP, said the club received notice of the "1st Annual Hamfest" of the Radio Club of Salem. It will be held on March 28, 1998. More details will follow.

TREASURER'S REPORT:

GENERAL FUND CHECKING	$509.56
REPEATER FUND CHECKING	346.01
PACKET FUND CHECKING	500.00
FLEA MARKET CHECKING	816.50
MONEY MARKET SAVINGS	14,732.88
SCHOLARSHIP WORKING FUND	700.00
SCHOLARSHIP MEMORIAL FUND	2,796.31
FENCE FUND	78.34
AVAILABLE CASH	6.20
TOTAL ALL ACCOUNTS	$20,459.07

There are 437 1997 members.

HEALTH AND WELFARE: Bill Shimmin, W7GBC, is out with the flu. Shirley, N7QHW, reported that Jerry, W7BUN, is still experiencing back pain. She said he is lonesome, and would be pleased to here from friends. Please call before stopping by. David, WB7AUJ, reported that Jim Kirkreit, K7YLM, is feeling a little better. They are still trying to find better treatment.

PROGRAM: Shirley, N7QHW, introduced the program for this evening. It is a video on Satellite Operations. It is a long program, so we will only watch half this week and half at the next meeting. This program certainly made it clear that much equipment is required to get into this aspect of ham radio - antennas, extra radios, tracking programs, etc.

AWARDS: Brian Spindor, KA7KUZ, presented the 1996 Doc Spike Inspirational Award to Lou Simmons, KB7WDB. Lou thanked those responsible for recommending him, and said he will continue to do what he can for RCT. Lou was also presented with Special Friend certificate for his work done to maintain and improve the Club House. Shirley, N7QHW, also presented a certificate to Kathleen Nace, NØEYK, naming her as a Special Friend of RCT for her outstanding effort in publishing the "BARK", the finest Newsletter in Amateur Radio. Al Burleson, K7HW, also received a Special Friend certificate for his unselfish contributions of funds, material, and time to the advancement of amateur radio, and the Radio Club of Tacoma.

COMMITTEE REPORTS:

ARES: Coming up next will be the Sound to Narrows run, either the 1st or 2nd week end in June. If you can help call Judy, N7NII, at 847-5198.

PUYALLUP FAIR: Kathleen, NØEYK, said we need a chairperson for our booth at the Fair. Kathleen said she must have the name of the chairperson to the Fair coordinators within week or we will loose our space. There are 102 time slots to be filled in the booth during the run of the Fair. Veda McCall, KC7BMP, volunteered to be chairman. Kathleen, also announced the antennas need to be repaired prior to the Fair.

BARK: Kathleen, NØEYK, said you can E-mail your articles directly to her.The deadline is still the 15th of the month.

FIELD DAY: The chairman, David Dodd, WB7AUJ , announced the date will be June 28th & 29th, and will be the same place as last year. There is a sign-up sheet coming around. Please sign-up for anything you are willing to do. David said he is looking for a Novice and Tech Plus to operate those stations. He is also looking for a packet station operator.

TRAINING & EDUCATION: Al Burleson, K7HW, announced the last Novice & Tech Plus training class before the Fair, will be held on June the 7th & 8th.

FLEA MARKET: Anyone visiting a Flea Market or Hamfest prior to ours, please take some of our flyers and leave there for distribution.

TUNING AND TRAFFIC: Both Marilyn, KJ7BN, and Bob received QSL cards from Heard Island.

Attendance: 43

The meeting was adjourned at 8:40p.m.

Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING
MAY 28, 1997

The Radio Club of Tacoma, regular meeting was called to order at 7:32 p.m. by Bill Shimmin, W7GBC. Following the pledge of allegiance and introductions, the club congratulated Ed Hunziker, KC7SAA, on upgrading to General.

TREASURER'S REPORT:

GENERAL FUND CHECKING	$78.30
REPEATER FUND CHECKING	346.01
PACKET FUND CHECKING	500.00
FLEA MARKET CHECKING	800.00
MONEY MARKET SAVINGS	14,732.88
SCHOLARSHIP WORKING FUND	700.00
SCHOLARSHIP MEMORIAL FUND	2,796.31
FENCE FUND	78.34
TOTAL ALL ACCOUNTS	$20,031.84

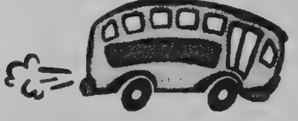
There are 437 1997 members.

HEALTH AND WELFARE: Al Burelson, K7HW reported that Jerry, W7BUN, started a program of mental pain eradication. He is still in a lot of pain. Marilyn, KJ7BN, said anyone to stop by and see Jim, K7YLM, should call first, but not before 2:00 p.m. Bill Shimmin, W7GBC, said Phil Phillips, G4UFH, is in the hospital in England, but is feeling better and expects to return to Lakewood soon.

AWARDS: Bill Shimmin, W7GBC, presented Alan Hughes, KB7SVU, with a certificate naming him as a Special Friend of the Radio Club of Tacoma for his work on the Flea Market last year.

PROGRAM: Bill Shimmin, W7GBC, presented the second part of the video on Satellite Operations. It is a very detailed explanation of all aspects of satellite operations.

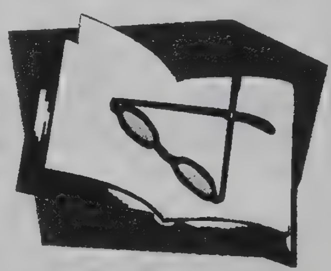
COMMITTEE REPORTS:



ARES: Alan Hughes, KB7SVU, announced that the joint disaster drill with the military was a success. Bob Tilley, KB7NBQ, and Alan, KB7SVU, had radio stations set up at McCord AFB, and were in touch with busses traveling between hospitals, via amateurs on each bus. This enabled them to keep the military current on changing situations. There will be more operations like this in the future, and more amateurs will be needed. Alan said they were unable to use the 38 machine as planned.

BARK: Nora, KC7JME, said the BARK party will be at the Club House on Friday at 10:00 a.m. All help will be greatly appreciated.

FIELD DAY: The chairman, David Dodd, WB7AUJ , announced the date will be June 27th, 28th, & 29th, and will be the same place as last year. There is a sign-up sheet coming around, please sign-up for anything you are willing to do. David said he is looking for a Novice and Tech Plus to operate those stations. He is also looking for a packet station operator. David also says we need a tent or some kind of shelter to operate the HF station.



TRAINING & EDUCATION: Bill Shimmin, W7GBC, announced the last Novice & Tech Plus training class before the Fair, will be held on June 7th & 8th.

Bill also said we are in the process of developing a class for the General Class License. It will be along the lines of what was developed for the Technician Class. Look for this class in the fall.

VE TESTING: Shirley, N7QHW, is requesting all VE's come to the Tuesday testing session and help out. It would help if they can arrive prior to the testing to get the paper work started. The session is from 7:00 to 10:00 PM at the Club House.

FLEA MARKET: Bill, W7GBC, says we still need an event chairman and participants.

HINTS & KINKS: Shirley, N7QHW, said the club will submit an order for Club Jackets in early June. The prices will be $35.00 for small through X large, XX large is $39.00, and XXX large is $42.00. Contact Marilyn, KJ7BN, 845-8346, or Shirley, N7QHW, at 265-3661.

RCT NET: Shirley is also requesting help running the W7DK net on Tuesday night.

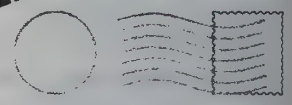
TUNING AND TRAFFIC: Marilyn, KJ7BN, said Don, W7DON, made several contacts in the Viet Nam, and Cambodia area.

Attendance: 39

The meeting was adjourned at 8:30p.m.

Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO
CONTINUE RECEIVING YOUR BARK



RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
JUNE 4, 1997

The Radio club Board of Directors meeting wa called to order at 7:33 PM by Mike Crawford, WB7DFC Club officers present were Bill Shimmin, W7GBC, Shirl Murphy, N7QHW, and Carl Glimpse N7UDP, with Boa member Mike Compton, KB7ZDR, representing a quorum. There were six guests. The reading of the minute were dispensed with and will stand approved as published.

TREASURER'S REPORT:

Treasurer's report is approved.

GENERAL FUND CHECKING 6/1/97	$86.73
REPEATER FUND CHECKING	346.01
PACKET FUND CHECKING	500.00
FLEA MARKET CHECKING	814.92
MONEY MARKET SAVINGS	14,732.88
SCHOLARSHIP WORKING FUND	700.00
SCHOLARSHIP MEMORIAL FUND	2,796.31
FENCE FUND	78.34
AVAILABLE CASH	47.56
TOTAL ALL ACCOUNTS	$21,057.76

There are currently 437 1997 members. Funds were transferred from savings to checking to cover June sho ages. The balance as of 6/4/97 is $222.52. Shirley, al said Lou, KB7WDB, purchased the new ladder for the club house for $1.37 less than allocated.

CORRESPONDENCE: Shirley, N7QHW, said she received a letter from Ten Tech. They will do the upgrad requested on the Club radio. However, as they only upgrade 200 radios per month, and they won't start until July, and we are number 403 on their list, our upgrade won't be done until sometime in September.

Shirley, N7QHW, challenged the tax assessment for th 1998 taxes, and got them to reduce the value from $70,700.00 to $69,400. She also got the tax value of t building contents lowered to zero.

COMMITTEE REPORTS:

MEMBERSHIP & TRAINING: Bill, W7GBC, said there are 17 people registered for the June training session. This will be the first class that has a $10 fee. Bill, has r ceived the General Class Video from ARRL, and is setting up a class for this fall, which will be similar in format to the Technician Class. Mike, WB7DFQ, ask about code classes. Bill, said Harry Lewis, W7JWJ, has a code class he teaches for the Mike & Key Club in Renton. The fee is $20, and the goal is 20 wpm. If you achieve 20 wpm, you get your $20 back, get 10 wpm and you get $10 back, etc. Mike wondered about using the repeater to teach code, perhaps setting up a practice schedule several times per week. Several different methods were discussed, with no real determination as yet.

CLUB HOUSE: Danny, KC7CUQ, said he thinks the club HF radio is clipping. Mike, KB7ZDR, will check it out. Danny, also asked about the antenna from the Antes estate, it still needs to be removed from the tower, and the tower taken down. The rest of the equipment was delivered by the Ante's attorney, and is in the garage.

FLEA MARKET: Al Burleson, K7HW, says everything is going fine. There are currently 16 tables reserved, including some commercial. Al said, Marilyn, KJ7BN, will handle the cooking. Bill, W7GBC, said Lou & Nora Simmons, KB7WDB & KC7JME, will run the "Country Store" during the Fair. Lou will need help in establishing the value of the equipment. Mike, KB7ZDR, will help with this. Shirley, N7QHW, suggested the club have a garage sale at the club house to help get rid of some of the equipment the club as accumulated.

FIELD DAY: Field Day chairman David Dodd, WB7AUJ, is getting operators for the various stations. David, said there are about 20 people signed up to operate stations. The old site will take so much work to prepare, that we are going to look for a new site. Several parks are being considered. Worth Gurley, W7WG, procured a Pierce County Park reservation form, and gave it to Dave to pursue. School yards are also being considered. Dave, WB7AUJ, said there will be 1 CW station, and 3 phone stations.

PUYALLUP FAIR: Veda McCall, KC7BMP, is the new chairman. Lou, KB7WDB, Bob, W7SKI, Don, W7DON, and Roger, K8RN went to the Puyallup Fair site and assessed the situation. They were unable to get on the roof, but surveyed the site with binoculars. The antenna and wiring need work.

BARK: Roger, K8RN, reminded everyone the 15th of the month is still the deadline for articles.

OLD BUSINESS: Bill,W7GBC, recommended a committee be formed to see what needs to be done regarding the maintenance and upgrading of the Club House. Rich, N7ANF, Lou, KB7WDB, and Morel, W6LIX, are the committee. Morel, in his absence, was elected chairman of the committee. Shirley, N7QHW, will head a committee to recommend changes and improvements for the Club House.

NEW BUSINESS: Shirley, N7QHW, received a request from VE2XOP, Sean, an amateur from Quebec. He would like to join RCT and receive our news letter. The board approved the special postage required and authorized Shirley to send him an application. Danny, KC7CQU, is looking for an HF rig to use for Field Day.

HEALTH AND WELFARE: Both Jerry, W7BUN, and Jim, K7YLM, are still missing due to illness. Bob Hagar, K7SKI, reported that Charles Caley, WB7WOU, had a three way bypass on Monday the 2nd of June. He is recovering well and is expected to be released from the hospital on Friday.

ADJOURNMENT:

The meeting was adjourned at 8:37 p.m.

Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

RADIO CLUB OF TACOMA

W7DK

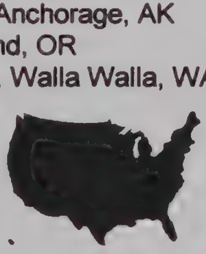
ARRL

RADIO CLUB OF TACOMA

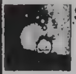
W7DK

SCHEDULE YOUR SWAPMEET VISIT TODAY!

July 12 Tri-Cities ARC, WA Tailgate Swapmeet, Kennewick
July 18-20 Glacier-Waterton International Hamfest, MT
July 19 Coos Bay Hamfest, North Bend, OR
August 2-3 Spokane Hamfest
August 9 Tacoma Flea Market
August 10 Central Oregon DX Club, Redmond, OR
August 16 Lower Columbia ARA, Longview, WA
Sept. 20-21 Anchorage Hamfest, Anchorage, AK
Sept. 20 Portland Hamfair, Portland, OR
Sept. 27-28 Walla Walla Hamfest, Walla Walla, WA
Sept. 27-28 Fairbanks, AK



W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 7:30 PM RCT NET 147.28R *ANTHONY KB7MPD *BRADLEY KB7PZV *JOHN KC7OQW *MARV KC7JKA *ROBERT N7BH *WENDY KC7TVT	2 **7:30 PM RCT BOARD MTG** *BARBARA W7UYL *CHARLES W7SZM *DAVID N7XRJ *KEITH KB7NVW	3 *NONA N7TPF	4 *HUGH KC7IBW **HAPPY FOURTH** **NEW MOON**	5 **6:00 PM PINOCHLE POTLUCK**
6 *JOHN W7ZTI	7  **SUMMER FUN**	8 **7:00 PM RCT LICENSE EXAMS** 7:30 PM RCT NET 147.28R *DENNIS KA7IIV *NORMAN N7ILQ	9 **7:30 PM RCT GENERAL MTG LIBRARY 112 E & WALLER RD** *MARY KB7WYP	10 *RANDY KC7PLG *RICK W7LKG *SUSAN N7YFH	11 *MARIE KA7HEG	12
13 *SUSAN KC7OQX	14 *ART AA7EO	15 7:00 PM MVWS EXAMS VE 7:30 PM RCT NET 147.28R *DAVE KB7UXV *HARRY W7HHP **BARK DEADLINE** 	16 *CLINTON KA6KWD	17 *MAC W6NBD *MARK	18 *MIKE WB7DFQ	19 **FULL MOON**
20 *LORRAINE KA7WGG *TOM KC7TVO	21 *JAN K7JT	22 7:30 PM RCT NET 147.28R *BILL K4QXP *SYLVIA KC7UZZ	23 **7:30 PM RCT GENERAL MTG LIBRARY 112 E & WALLER RD** *MARGARET KA7RUQ *RUFUS W7BRE *SHARON KC7GBJ	24 *ALLEN N7EAY	25	26
27	28 12:00 PM CLUBHOUSE LADIES PINOCHLE *REAVIS N7BUN	29 7:30 PM RCT NET 147.28R	30 *BILL N7TEQ *ROBERT KC7RBB *SONNIA N7NGJ	31		

June 1997

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

August 1997

S	M	T	W	T	F	S
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3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

* HAPPY BIRTHDAY

RADIO CLUB OF TACOMA, W7DK

Tacoma Electronics Fleamarket

Saturday, August 9, 1997
Charles Wright Academy
7723 Chambers Creek Rd West
Tacoma, WA
Open 9 AM to 3 PM

Admission $4 (12 and under **FREE**)

Overnight RVs: $2 (Self Contained - Friday Night Only)

RVs: Pay upon arrival and recieve parking assignment

License Examinations Will Not Be Available at the Flea Market.

However, License Examinations will be given at the Radio Club of Tacoma Clubhouse on Tuesday Aug. 12 at 7 P.M. Call Shirley Murphy 206-265-3661 for more information

For More Info call:
Alan @ 206-840-4947
Bill @ 206-584-1086
Al @ 206-474-9023

- ☞ DOOR PRIZES
- ☞ FREE Parking
- ☞ Ham Gear
- ☞ Commercial Displays
- ☞ Computers & Electronic Equipment
- ☞ Country Store Available for Consignment Sales

☺ Talk - In on 147.28+ ☺

RETURN THIS PORTION FOR TABLE RESERVATIONS ONLY

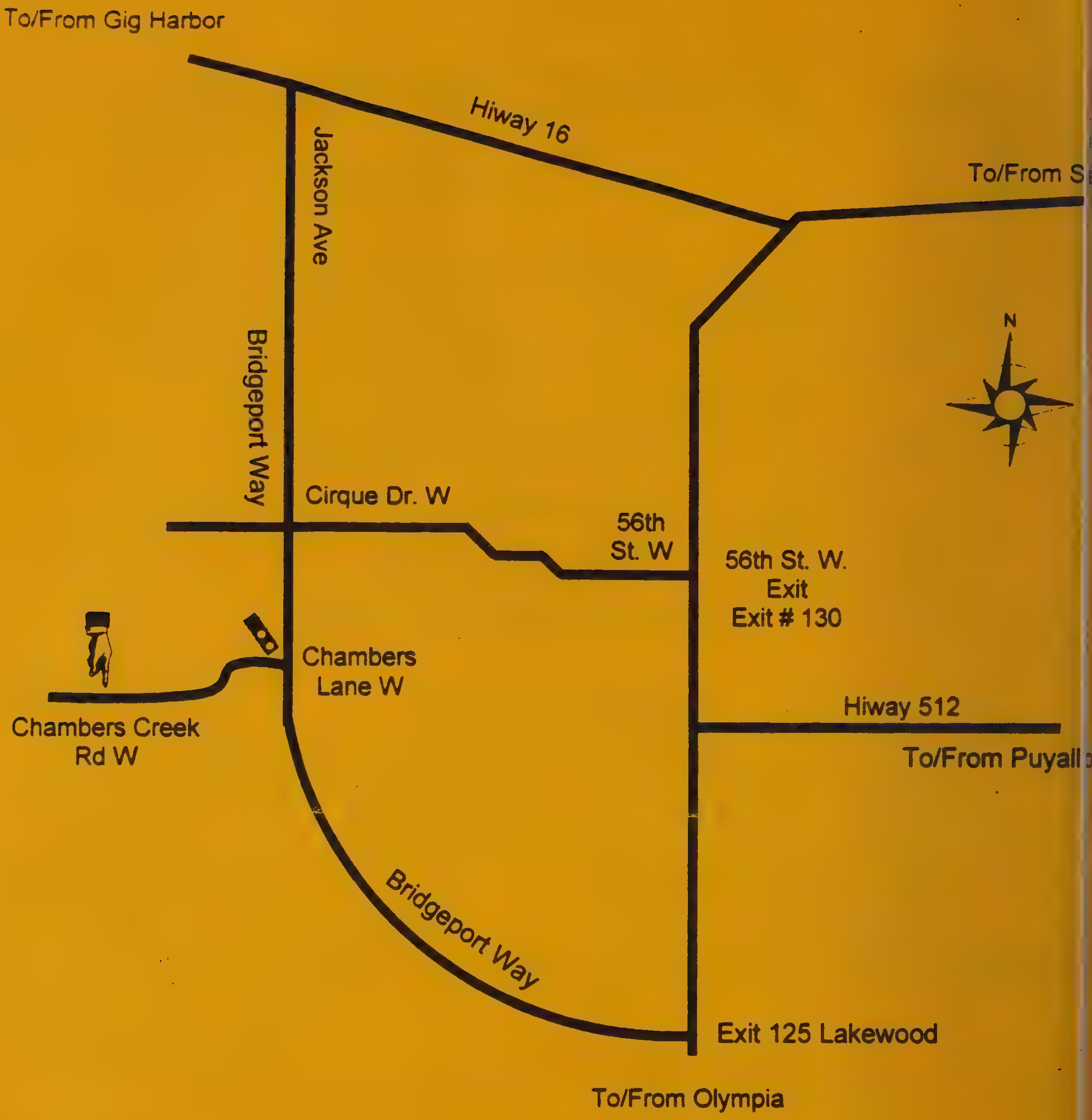
Make Checks Payable to RCT Setup Friday 5 - 9 PM and Saturday 6 - 9 AM

Mail to: Radio Club of Tacoma Box 11188 Tacoma, WA 98411

#	Description	$
	Non - Commercial Tables @ $15 each All Tables sold include one admission	
	Helper Admissions @ $4 each We reserve the right to limit the number of helpers	
	Commercial Booths @ $40 each includes 2 admissions	
	Total Enclosed =	

Name: ____________
Call: ____________
Address :____________
____
City: ____________
State: _____ Zip: ________
Phone: ____________

Do you Need Power? YES NO
Power is Limited, First come First Served


To/From Gig Harbor
Hiway 16
Jackson Ave
To/From S
N
Bridgeport Way
Cirque Dr. W
56th St. W
56th St. W. Exit Exit # 130
Chambers Lane W
Chambers Creek Rd W
Hiway 512
To/From Puyall
Bridgeport Way
Exit 125 Lakewood
To/From Olympia

Map Not Drawn to Scale! Any Questions Use the Call In Freq. and someone willl help you

8/97

[illegible]
1997

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

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U.S. POSTAGE
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TACOMA, WA
PERMIT NO. 1078

DDRESS CORRECTION REQUESTED

COMING EVENTS

UG 2-3 - ARRL UHF Contest
NA QSO Party, CW
TEN-TEN International Net Summer Phone Contest

UG 6 - **Board Meeting** at the Clubhouse - 7:30 PM - All members welcome.

UG 9 - RCT FLEA MARKET

UG 12 - License Exams - 7 PM - at the Clubhouse

UG 13 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM

UG 15 - BARK deadline (Early is OK! On time is better than not at all.)

UG 16-17 - NA QSO Party, Phone

UG 25 - Ladies Pinochle - Noon at the Clubhouse

UG 27 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM

Sign up to work the Fair!

Help with the FLEA MARKET!

e listening to the weekly Tuesday night W7DK Net for more information on programs and other events.

THE LOGGER'S BARK
RADIO CLUB
W7DK
OF TACOMA

VOL. XXXIV NR. 8 W7DK AUGUST 1997

FROM THE PRESIDENT

WB7DFQ

It has been quite some time since my words have appeared on these pages and I owe a special thanks to our editor, Kathleen, N0EYK, for filling the blank space at the last minute. As some of you know, Sally and I had an opportunity to spend five weeks in Britain during the month of May and we had a vonderful time. I would like to thank Bill, W7GBC for loing his Vice Presidential thing during my absence. Jow, you may be wondering what all of this has to do with he Radio Club of Tacoma, so here goes!

During our trip, one of the places we visited was he Orkney Islands, which are off the northeastern coast f Scotland. This archipelago consists of about 40 slands, 18 of which are inhabited. There are almost no rees and many thousands of sheep. Sounds really nteresting doesn't it? Unless you are a student of navel iistory you may never have heard of these islands, but luring both World Wars they were, strategically, very nportant, particularly a protected body of water called capa Flow. The largest community on the islands is a own called Kirkwall, and guess what? It is home to the rkney Wireless Museum!

On the day we were there, the museum was open and we had the opportunity to visit. It is a very nicely done facility housed in a freestanding stone building about the size of a large double car garage, located near the heart of town. The displays range from wartime communications gear from both world wars to an operating amateur radio station. I forget the call! Included are a large collection of home broadcast receivers and a nice display of old tubes (the Brits call them valves). The admission charge is one pound, about $1.65, and volunteers staff the museum.

Now, the museum itself isn't all that amazing, the Radio Club has a larger and more diverse collection. The thing that is amazing is that the town of Kirkwall is about the size of Sumner! In fact, the population of the entire group of islands is less that that of Puyallup and the nearest city of any size, Inverness, is over 100 miles away including a very rough ferry ride. We are talking the very edge of civilization here! But there it is, a very well done, successful radio museum.

It would seem that they are doing something right or we are doing something wrong. We have more stuff in our museum and a much larger population to draw from so what are we missing? I am open to good, creative suggestions. Let's put some thought into this and see if we can come up with some great ideas.

In closing, thanks to David, WB7AUJ, for his work in heading up the field day effort and thank you to all that helped make it a success. Don't forget the flea market. We need all of the help we can get.

73, Mike, WB7DFQ

▶ **ARRL NEWS** - Page 6

▶▶▶ *ADDRESS CHANGES* ◀◀◀

emember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail.

Send changes to: Radio Club of Tacoma,
PO Box 11188, Tacoma, WA 98411-0188
or give them to the club treasurer at any club meeting.

RADIO CLUB OF TACOMA -- 1997

PRESIDENT	MIKE CRAWFORD	WB7DFQ	531-4789
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
SECRETARY	CARL GLIMPSE	N7UDP	845-7966
TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
BOARD (5)	MIKE COMPTON	KB7ZDR	535-5144
	RUSSELL FOSTER	KJ7YP	473-6614
	DAN KELLY	N7QWH	535-2622
	ALAN HUGHES	KB7SVU	840-4947
	JERRY SELIGMAN	W7BUN	845-7652
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COMPOSITOR	KATHLEEN NACE	N0EYK	862-8635
PUBLISHER	W7DK PRESS	N7QHW	265-3661

◆ ◆ ◆

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Modem or mail all articles to Kathleen Nace, N0EYK, 2812 204th Ave.Ct.E., Sumner, WA 98390 or e-mail: kathleen@excell.com. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma
147.88 / .28 MHz 144.97 - Packet
147.98 / .38 MHz (pl 103.5) 441.00 - Packet
449.175 / 444.175 MHz KC7DDA

New Members

Patrik Kiele, No Call Yet RCT #1972
PO Box 999
Tacoma, WA 98401-0999 253-573-9960

Russ Schmus, KC7IBK RCT #1973
4317 S Puget Sound Ave
Tacoma, WA 98409-4518 253-474-4041

Mike Moses, KI7WH RCT #1974
Simeon Moses, KB7OZX RCT #1975
6616 89th Street Ct E
Puyallup, WA 98371-6222 253-770-3978

Reinstatements

Randi Halverson, KC7BAN
1114 136th St E
Parkland, WA 98445-2680 253-536-6424

Robert D Christianson, WF7T
4044 S Lawrence St
Tacoma, WA 98409-5627 253-474-0436

Address/Phone Changes/Corrections

Dennis Farnes, KA7IIV
2645 Rainier Blvd SE
Puyallup, WA 98374-1355
Phone same

Max Bice, W7AEA
Phone 253-851-9553

Robert Edwards, N7HXX
Karyl Edwards, N7KWF
PO Box 70623
Seattle, WA 98107-0623
Phone Unknown

Gene Tice, W7EOF
Phone 253-863-3374

Rich Armstrong, NE7T
Change zipcode to 98375-7625

New Calls/Upgrades

Silent Keys

Robert J. Scott, N7AXS (previous call KA7BAW)

HELP WANTED!

GET INVOLVED!
FLEA MARKET '97

PINOCHLE

SUMMER SCHEDULE

Ladies Pinochle - 12 Noon
4th Monday of the Month
at the Clubhouse.

Your Ad Could Be Here!

Call, Shirley, N7QHW
at (253)265-3661 for info.

SECOND BYTE
NEW & USED MS-DOS COMPUTERS
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Bremerton, WA 98311
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ACCIDENT & BODILY INJURY
LAW OFFICES OF
DOUGLAS K. SMITH, P.S.
(206) 471-1000
(800) 585-8500
AJ7Y
DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
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Your Call Sign in 2" Vinyl Letters
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Editor's Notes

de NØEYK

E-Mail address:
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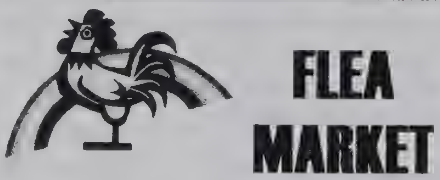
or knace@excell.com



Please remember that YOU are needed at our only fund raiser. Volunteer to help - set up. tear down, and many points in between all have to have our support. Also, there are PLENTY of tables available for sellers.

Have a GREAT August!

73, Kathleen

FLEA MARKET

ARES/RACES

Remember, check your Department of Emergency Management(DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan, Bob or Shirley(info at the end of the article).

Also, find out which Fire District and Fire Zone you are in and let us know. Volunteers are still needed for manager positions, contact Alan or Bob to volunteer. Alan and Bob are still looking for a volunteer to manage the Public Service Events for ARES so please consider volunteering and giving a hand.

The following article is very good and is taken from the July-September 1997 ARRL Field Forum publication.

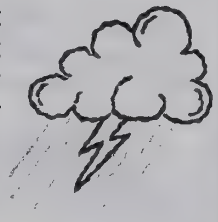
N7QHW

THE ARES Non-Emergency

By John Robinson, W1NEB
62 Somerstown Rd.
Ossining, NY 10502

It was to be a dark and stormy night. At least, that's what the National Weather Service had said to expect on that March day in the Carolina mountains. A strong cold front was moving in from the west, and as it impacted the moist Gulf air that had brought an early spring, conditions seemed right for strong thunderstorms. The forecast went up that afternoon for a chance of tornadoes, hail, flash flooding, and all the other weather calamities that ARES operators dream about.

I was an assistant emergency coordinator, but the EC had left me to mind the county when he went up to Minnesota. I kept track of all the weather alarms, I kept folks talking on two meters when the sky got dark, and when the first weather warning came up for our county, I got a Skywarn net on the air. People checked in, we hunkered down, and we watched the storm roll in.



And we watched.

And we waited.

And nothing happened.

Storms have a way of fizzling out. Ask any weather lover. The weather service does its job: they raise alarms when the chance exists for the sky to fall all around your shack. But a chance is not a certainty; and a significant number of watches and warnings expire without excitement. Or the excitement veers five degrees off course and visits itself upon someone else. And when it does, you make a few lame jokes and secure the net, a little chagrined at having played Chicken Little, a little relieved that your town is still standi unscathed, and a little disappointed th the excitement passed you by.

How does it make you feel to rea ize you're let down when the storm go by? Some people feel badly about it. Th think they must be weather ghouls to wi for some kind of emergency just so th can play hero with their radios. But tha not what's behind your feelings, so y shouldn't feel badly that you feel disa pointed.

ARES members are emergen service personnel. In most cases we're n members of official government agencie such as the police or the rescue squad. B we have made a similar kind of commitme to be prepared when the community nee our help. That commitment requires trai ing, planning, and dedication to doing wh needs to get done. And being prepare takes a lot of work.

Are you someone who likes to d lots of work for no particular reason? doubt it: license exams tend to leave those people on th outside of the Amateur Radio Service looking in. Instea you probably have a purpose in mind for all the work yo do, whether it's mowing your lawn (purpose: have a nic lawn), doing your job (purpose: have a nice paycheck), preparing for emergencies. And when a drought roas your grass, your employer downsizes, and the hurrican veers out to sea, you are likely to feel frustration that yo work did not yield the results you expected.

It's not just hams who feel that way. Once upon time, a lot of years ago, I went through the schoolin required to become an emergency medical technician. I' be the first to grant you that it's not as big a commitme as, say, medical school, but it was work toward th purpose of being able to help people in medical nee When I was finished, I joined my town's rescue squa and I waited for the chance to come.

And waited. And waited. You get the idea. And felt badly that in order for me to achieve what I ha trained for, someone had to suffer. A few years later, started feeling badly that I found heart attacks and othe challenging calls more exciting than "routine" emergen cies like minor traffic injuries.

It turned out that, so did the rest of my rescu squad. So too do firemen, police, doctors, and most othe people who respond to emergencies: they want opportu nities to use the skills and plans they have labored on fo so long. That doesn't mean they want people to suffer. I means they understand that, to paraphrase an ol bumper sticker, "suffering happens," and when it does they want to help.

All of which means that a missed disaster is als a missed opportunity, and it's all right for you to feel letdown or degree of disappointment. After all, you'r trained, you're ready, your adrenaline is pumping, and you're keyed into the notion that your equipment, training, and special skills are about to be called upon. That's frustration, not mental illness. You're not across the psychotic line until you start creating your own disasters. To keep that from happening (not that it's any real danger- when was the last time you whipped up an earthquake?), try not to look at an ARES non-emergency as an event that did not happen. In fact, the ARES activity is the event -- the only thing that didn't happen was the crisis that got you moving.

And the event itself has value: no matter how many simulated emergency drills you run, you don't know how well plans will really work out until you swing into action for real. A line of strong thunderstorms bearing down on you is different from any drill, because there is no longer that reassuring voice in the back of your mind whispering "this isn't really happening." The storms are really approaching you - whether they get there or not is secondary. The fact that everyone thought they might gives you good evidence of how your plans and training worked in the face of a genuine crisis.

It's also important to resist believing that because this storm missed you, the next one will too. Anyone who has ever sold a house knows the aggravation of letting a parade of home shoppers tour your private space until somebody finally buys. Think of missed storms as home shoppers: most of them are going to pass you buy, but someday one will come to stay. And as real estate agents say, it only takes one. Luck - good or bad - never holds forever, and nobody's "crying wolf." Emergency preparedness means risking false alarms: it's better to raise the warning flag and have the crisis miss you than to miss raising the warning of the one that hits. And it's better to gear up for a possible emergency than to count on a non-event. Other people are sure to grow skeptical about warnings that come to nothing, but you can't afford that luxury, because you're the one who will have to help the stunned skeptics pick their way out of the disaster area.

There are, of course, other ways to look at the emergency that passes you by. In the case of the cold front crossing the mountains, I look at it as a jolly good break that the mountains were there to disrupt it. There are New Englanders who believe that all the hot air produced by TV weathermen serves to turn blizzards into rainstorms. But the next time a storm that's heading your way fizzles out before it gets there, why not take the credit for yourself? Maybe the storm saw your solid ARES response and decided it was just no match for a team as good as yours.

If you have not joined ARES/RACES and would ike to, contact Alan, KB7SVU, ARES Emergency Coordinator, at 840-4947 or Bob, KB7NBQ, RACES Radio Officer at 206-875-0577 or see Shirley, N7QHW, at any Radio Club of Tacoma meeting for an application.
73 Shirley, N7QHW

Amateur Radio Exams

in the Puget Sound Region as of May, 1996

1st Tuesday - 7 PM - **Puyallup** Fire Station, 128th St. one block west of Meridian, Puyallup - Contact Mike Horbul, KI7YB, 845-2545.

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, **Kent** - Contact Burt Mendez, KB7ZCW, 824-2785, Seattle

2nd Tuesday - 6:30 PM - **Everett** - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clubhouse - Contact Shirley Murphy, N7QHW, 265-3661

2nd & 4th Thursdays - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - **Auburn** - Fire Station, 1101 D St NE - Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave - next session - September 21 - Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

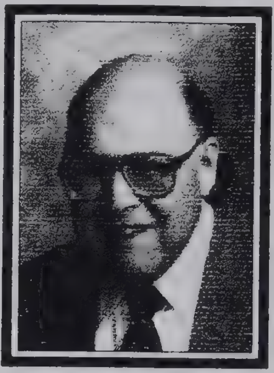
Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

◊ News from the ARRL ◊

de Jerry, W7BUN

Gleened by Roger, K8RN, from ARRL sources on the Internet.



W7BUN

FORBES ARTICLE HIGHLIGHTS HAM RADIO "MAGIC"

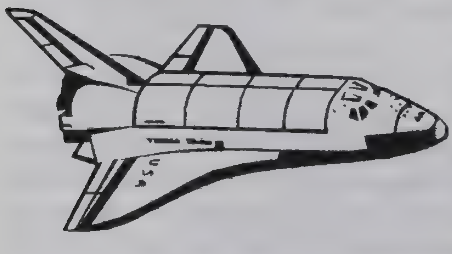
Readers of the July 7, 1997, issue of Forbes magazine won't find any sleight of hand in the article "There's Magic in It," by James Clash, WA3JID. The two-page feature talks discusses what it is about ham radio that's kept the hobby alive when it "should have died with the advent of modern communications."

As Clash's article explains, ham radio continues to thrive, and the number of hams worldwide has quadrupled over the past 30 years. The numbers have continued to increase an average of 6% annually since 1990 when the Internet started becoming a popular diversion. One point the article makes is that the Internet has become an ally of ham radio rather than an enemy.

The article apparently sparked the ham radio flame among readers, several of whom already have called the ARRL for more information about getting into (or back into) the hobby. Clash included the League's address and telephone number.

MIR, SHUTTLE QSO VIA HAM RADIO!

Ham radio has served as a convenient "chat" medium between the US space shuttle Columbia and the troubled Russian Mir space station in recent days. Last weekend, shuttle Commander Jim Halsell, KC5RNI, had two short, direct contacts on 2 meters with fellow astronaut Mike Foale, KB5UAC, aboard Mir. The first ship-to-ship SAREX/MIREX contact happened Saturday, July 5, at 1202 UTC during a Mir/Columbia "conjunction" over the Indian Ocean when the two spacecraft were only some 50 nautical miles apart. The contact lasted less than a minute. A little while later, with both spacecraft over th Pacific Ocean at 1336 UTC, another 30-45 second contact took place, according to Will Marchant, KC6ROL, c AMSAT. Marchant said the shuttle crew could hear Mir lot longer than Foale could copy the shuttle's signal—due to Mir's superior antenna and higher power. "The shuttle crew was pretty excited about their contact," Marchant said. Shuttle Pilot Susan Still reported observing Mir through binoculars while the ham radio contact was under way.



HAM-PILOT CREDITED WITH SAVING LIVES!

Pilot Leonard Westbo, W7MCU, of Kent, Washington, was credited with saving the lives of his three passengers after his small plane crashed and broke up in a glacier canyon in British Columbia in late June. One man received a fractured vertebra, but the others were not seriously hurt. Westbo was able to use the plane's radio t transmit its location to rescuers. The four were o a fishing trip when the plane went down after its engine apparently failed. (Len suffered a broken leg in the crash and still was able to assist in the rescue operations. He is a good friend and has been a visitor and presenter to the RCT – Feel better soon, Len! Roger and Kathleen.)

FCC TO OPEN VANITY GATE 3

The long wait is over for Advanced class amateurs. The FCC has just announced that it will open filing Gate 3 of the Vanity Call Sign Program on Wednesday, August 6, 1997. Advanced class hams will be able to apply for a call sign appropriate to their license class on or after that date. Applicants must file either a paper FCC Form 610V or electronically via the FCC's Web sit at http://www.fcc.gov/wtb/amradsrv.html and pay the cu rent $30 fee.

Radio Club of Tacoma License Exams

AUGUST 12, 1997

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID pen, pencil/eraser, calculator, and a check made out to ARRL/VEC for $6.25. For information call:

Bill Shimmin, W7GBC at 253-584-1086

For Sale

KENWOOD TS-520S with CW filter.
EXCELLENT HF RIG $400.00

HTX 202 HANDHELD 2 meter by Radioshack
QUITE NEW $175.00

Contact: JACK W7IMW 564-3997

Vinyl by DeSign
Tacoma, WA
(253) 471-9211
or
1 (800) 343-9211

Visit our Website at:
www.tarimar.com/2/vinyl
Voted by Internet users Worldwide as a "Starting Point"
"HOT SITE"
Check it out!
Owen & Lorna - KB7UXP & KB7YTJ

ARRL
RADIO CLUB OF TACOMA
W7DK

CHECK IT OUT!

RCT Web Page:
www.mashell.com/~roblee/rct.htm

RADIO CLUB OF TACOMA

FLEA MARKET

AUGUST 9, 1997
Open 9 AM to 3 PM

Raffle:
ICOM IC 707 HF Rig
Need not be present to win.

Y'all come on out and help. There are lots of jobs that need to be done - before, during and after! Call Alan @ 206-840-4947 or Bill, @ 206-584-1086 or Al @ 206-474-9023 to get your name added to the vital support list today!

MINUTES

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING
JUNE 11, 1997

The Radio Club of Tacoma, regular meeting was called to order at 7:32 p.m. by Mike Compton, WB7DFQ, Following the pledge of allegiance (lead by Tressie, KC7BAL) and introductions, the club welcomed visitor Dave Green, KC7WNZ.

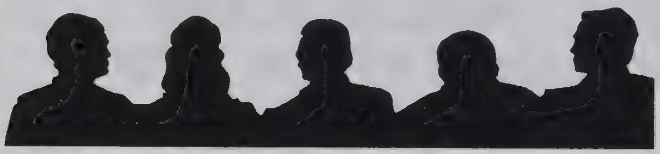
TREASURER'S REPORT:

GENERAL FUND CHECKING	$1400.43
REPEATER FUND CHECKING	346.01
PACKET FUND CHECKING	500.00
FLEA MARKET CHECKING	844.32
TRAINING CLASS	136.34
MURPHY FAVRE SAVINGS	13,796.15
SCHOLARSHIP WORKING FUND	700.00
SCHOLARSHIP MEMORIAL FUND	2,796.31
FENCE FUND	78.34
TOTAL ALL ACCOUNTS	$20,031.84

There are 439 1997 members.

HEALTH AND WELFARE: Jim, K7YLM, will be going to Texas for evaluation of a possible lung transplant. We all wish him well.

PROGRAM: Bill Shimmin. W7GBC, presented the a video on contesting. Tonight we will see part one, with part two to be shown on June 25th. David Dodd, WB7AUJ, explained "grid squares". He also said he did a write-up in the BARK regarding contesting and scoring.



COMMITTEE REPORTS:

ARES: Alan Hughes, KB7SVU, said volunteers are needed to support the Sound to Narrows Run, the 4th of July fireworks display at the Old Soldiers Home, and Trinity Pierce. Alan, also read a letter of commendation he received from the Army for amateur radio involvement in the recent disaster drill.

FIELD DAY: The chairman, David Dodd, WB7AUJ , announced the date will be June 27th, 28th, & 29th, and will be the same place as last year. There is a sign-up sheet coming around, please sign-up for anything you are willing to do. David said he is looking for a Novice and Tech Plus to operate those stations. He is still looking for a packet station operator. Marilyn, KJ7BN, invited all to come to the Pot Luck on Saturday evening during Field Day.

TRAINING & EDUCATION: Bill Shimmin, W7GBC, announced the last Novice & Tech Plus training class before the Fair had 17 students. 15 passed their Technician test, and 2 passed their Novice test. Bill, also said we are in the process of developing a class for the Gen eral Class License to be offered sometime in Septembe Shirley, N7QHW, said the Club jackets have been ordered. Jackets can still be ordered through Marilyn, KJ7BN, 845-8346, or Shirley at 265-3661.

TUNING AND TRAFFIC: Two weeks ago there were good DX openings into Asia. There were also reports of contacts with the space station MIR.

Attendance: 35
The meeting was adjourned at 8:54p.m.
Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

FLEA MARKET
1997
BE THERE!!!

SPECIAL
SERVICE
CLUB

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING
JUNE 25, 1997

The Radio Club of Tacoma, regular meeting was called to order at 7:33 p.m. by Bill Shimmin, W7GBC, Following the pledge of allegiance (lead by Nora, KC7JME) ar introductions, the club congratulated visitor Dave Elliso WB7AWK, on receiving his Extra class license.

TREASURER'S REPORT:

GENERAL FUND CHECKING	$608.77
REPEATER FUND CHECKING	346.01
PACKET FUND CHECKING	500.00
SCHOLARSHIP WORKING FUND	700.00
FLEA MARKET CHECKING	925.00
TRAINING CLASS	136.64
MURPHY FAVRE SAVINGS	13,796.15
SCHOLARSHIP MEMORIAL FUND	2,796.31
FENCE FUND	72.34
TOTAL ALL ACCOUNTS	$19,881.22

There are 440 1997 members.

HEALTH AND WELFARE: Howard Young, N7RHM, wi not be joining RCT due to illness. Shirley, N7QHW, talked to Judy, AJ7R, who said Jim, K7YLM, has passe his eligibility for a lung transplant. They are worried about how frail he has become and are trying to put some weight on him. Judy has a more permanent address now and Shirley will try to get it for members who wish to write. Jim is number two on the list for a transplant. Eva Anderson, WB7QNS, will be going to the ho pital on July 16th for a hip replacement. (Send her a card, she never forgets those who are ill.) A moment of silence was observed for Bill Freiday, WA7JAM, he is now a silent key.

FIELD DAY: Bill Shimmin, W7GBC, turned the meetir over to David Dodd, WB7AUJ, event chairman for Fiel

Day. David laid out the plan for what was going to happen, or what he hopes will happen. David, said loading of gear will start on Friday morning at 10:00 a.m. at the club house. People with pick-ups will be needed. The site is in Spanaway, east on 138th, and south on 4th Ave to the end of the street. Then through a yard (veer right) to the field behind. The field has been mowed. Be prepared for inclement weather. The actual Field Day will be from 10:00 a.m. Saturday through 10:00 a.m. Sunday. David said logging will be by computer and we will need loggers. We will have the 5 alpha designation. Loggers should make sure they have complete information. Those of you coming and going during the field day, please try not to run over cables and wires on the ground.

COMMITTEE REPORTS:

ARES: Alan Hughes, KB7SVU, said volunteers are needed to support the 4th of July fireworks display at the Old Soldiers Home, and Trinity Pierce Bicycle Race on July 12th.

BARK: The BARK Party will be at the club house on Monday June 30th at 10: AM

FLEA MARKET: Al, K7HW, said there have been about 20 tables already sold.

GOOD OF THE ORDER: Shirley, N7QHW, said Club Jackets can still be ordered through Marilyn, KJ7BN, 845-8346, or Shirley at 265-3661. The jackets which were ordered are being distributed. Shirley said the price for embroidery has gone up, so new orders will be a little higher priced.

TUNING AND TRAFFIC: Not much happening.

Attendance: 48

The meeting was adjourned at 8:30p.m.

Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
JULY 2, 1997

The Radio Club of Tacoma's Board meeting was called to order at 7:32 PM by president Mike Crawford, WB7DFQ, other club officers present were Bill Shimmin, W7GBC, Shirley Murphy, N7QHW, and Carl Glimpse N7UDP, with board members Alan Hughes, KB7SVU, and Marilyn Olson, KJ7BN, representing a quorum. Guests present were Danny, KC7CUQ, David, WB7AUJ, Lou, KB7WDB, Kathleen, N0EYK, Dick, KB6PWR, Roger, K8RN, Nora, KC7JME, Sally, KB7PKJ, and Al, K7HW. The reading of the minutes were dispensed with and will stand approved as published.

TREASURER'S REPORT:

Treasurer's report is approved.

GENERAL FUND CHECKING 7/1/97	$584.10
REPEATER FUND CHECKING	346.01
PACKET FUND CHECKING	500.00
LICENSE CLASSES	136.64
SCHOLARSHIP WORKING FUND	700.00
FENCE FUND	72.34
FLEA MARKET CHECKING	1067.37
MONEY MARKET SAVINGS	13,796.15
SCHOLARSHIP MEMORIAL FUND	1,796.31
AVAILABLE CASH	14.80
TOTAL ALL ACCOUNTS	$20,013.72

Shirley, N7QHW, said Field Day ran approximately $360 over budget, but will be off set by not having DK at the beach.

There are currently 440 paid members for 1997.

CORRESPONDENCE: The Radio Club received a letter from Buckmaster Publishing, regarding a number of their publications. Significant among them, were microfilms of amateur radio magazines. QST from 1915 to the present ($595); CQ from 1945 to present ($395); 73 Amateur Radio Today from 1960 to present ($325); and Ham Radio Magazine 1968 - 1990, plus Ham Radio Horizons 1977 - 1980 ($245). The information on ordering will be posted on the club bulletin board.

COMMITTEE REPORTS:

FIELD DAY: David Dodd, WB7AUJ, said 80 meter phone had 187 contacts, 20-15-10 phone had close to 180 contacts, all told, David believes there were around 500 contacts from the five stations operating 5 alpha. Marilyn Olson, KJ7BN, reported the "Pot Luck" went very well on Saturday evening, even the rain held off until everyone finished eating. Shirley, N7QHW, suggested that the club lock in next years field day site in early January. David, WB7AUJ, will handle this at Mike's, WB7DFQ, request.

MEMBERSHIP & TRAINING: Bill, W7GBC, reported again that everyone in the June class passed their exam. Bill, is still looking for someone to teach code on 2 meter. Several different methods were discussed, still no real plan. Bill, W7GBC, said plans are proceeding for a General Class session in September.

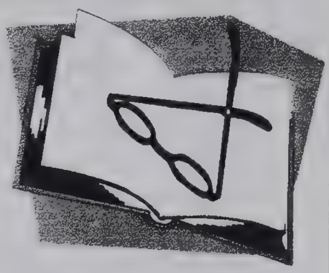
FLEA MARKET: Al Burleson, K7HW, says everything is going well. There are currently 40 tables reserved, including some commercial. Al said, there are rumors going around stating that RCT flea market is sold out of tables. There will be a concentrated effort to squelch these rumors by announcing an various nets that the tables are not sold out and are still available.

ROOF: Alan, KB7SVU, said he hopes to get it done this month.

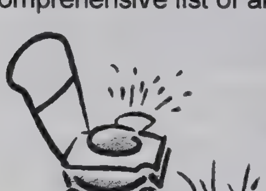
BARK: Kathleen, N0EYK, reminded everyone the 15th of the month is still the deadline for articles.

PUYALLUP FAIR: No report.

NEW BUSINESS: Mike, WB7DFQ, announced that Russell Foster, KJ7YP, has resigned from the RCT board. Mike, as president and chairman of the Board appointed Marilyn Olson, KJ7BN, to fill the vacancy until an election can be held.



Mike, WB7DFQ, and David, WB7AUJ, said that after Field Day, a lot of club equipment came up missing. If any one has this equipment, or knows where it might be, please contact Bill Shimmin, W7GBC. Bill has had the responsibility of custodian of club equipment, added to his duties as Vice President. Mike, WB7DFQ, will recommend that the RCT by laws be changed to make this part of the Vice Presidents duties. Mike also wants better control of equipment which is borrowed. Perhaps, even being recorded in the Board meeting minutes. He said there is a new lock on the equipment room in the garage, as a result of Field Day activities. Mike is looking for a new way to check out club equipment, to make people using it more responsible for returning it. A number of methods were discussed. One of the first things to do is to compile one comprehensive list of all the clubs equipment.



The Packet station will be moved (by his request) from Jim's, K7YLM, house to the club house. Russell Foster, KJ7YP, has agreed to act as system operator. There was discussion on where to locate the Bulletin Board. Kathleen and Roger Nace are donating a lawn mower and weed wacker to the club. Thanks go to the Naces.

HEALTH AND WELFARE: Jim, K7YLM, is number one on the list for a lung transplant at the Texas hospital.

ADJOURNMENT:
The meeting was adjourned at 8:40 p.m.
Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING
JULY 9, 1997

The Radio Club of Tacoma, regular meeting was called to order at 7:30 p.m. by Mike Crawford, WB7DFQ, Following the pledge of allegiance (lead by Marilyn, KJ7BN) and introductions, the club welcomed guests, many of which belong to the "Whisky Group". The whisky group is a group of hams that meet on 80 meters HF and chat. They were from Montana, Illinois, Arizona and 3 from Oregon. Of course, there were several from Washington. If you are interested, they meet at 9:00 p.m. on 3955; and 7:00 a.m. on 3948. We also welcomed Phil Phillips, G4UFH, visiting from England. Marilyn, KJ7BN, handed out tickets to everyone connected with the Field Day, for a drawing to be held at the end of tonight's meeting.

TREASURER'S REPORT:
The Treasurer's report is approved as published.

GENERAL FUND CHECKING	$585.88
REPEATER FUND CHECKING	346.01
PACKET FUND CHECKING	500.00
LICENSE CLASSES	136.64
SCHOLARSHIP WORKING FUND	700.00
FLEA MARKET CHECKING	1010.04
MONEY MARKET SAVINGS	13,854.38
SCHOLARSHIP MEMORIAL FUND	2,796.31
TOTAL ALL ACCOUNTS	$19,909.26

There are 444 1997 members.

HEALTH AND WELFARE: Lou, KB7WDB, said that Ji K7YLM, could receive the lung transplant any day. Lou also said the Kirkreit's will have to stay in Texas for at least 3 months after the operation. We all wish him well Shirley, N7QHW, said Val Baldwin, N7VGO, went to the hospital for toe surgery, and had a heart attack. He is back home now and doing well.

PROGRAM: Bill, W7GBC, said tonight's program will b a recap of Field Day. Stan, N7KMF, and Mick, KC7TVM presented a color slide show, with Stan acting as narrator. There were pictures of the antennas being raised, tents being put up, and operators at their stations. There were some impressive pictures of one very impressive sling shot. (Used to get long wire antennas into tall trees). There were pictures of the 80 meter phone and 20 meter CW stations. The pot luck on Saturday evening was a great success thanks largely to Marilyn, KJ7BN. Everyone finished eating before the heavy rain that came Saturday night. Mike, WB7DFQ, said the clu earned around 2000 total points, which was not as good as last year, but was better than expected. He also said David Dodd, WB7AUJ, did a great job of organizing, especially on such short notice. Mike, WB7DFQ, says everyone who showed up had a good time, but there was room for more. Perhaps next year there will be more interest. The board made the decision last week to find and lock in a site early in the year. Maybe that will enable us to have more participation.

COMMITTEE REPORTS:

ARRL: Mike, WB7DFQ, said as of 8/5/97 the third gate will open for vanity calls. It will be for the Advanced Class Licenses. The next gate (for Generals) will open prior to the increase in price for vanity plates, from $30 for ten years to $50 for ten years. That date is around September 1st, 1997.

ARES: No report.

FLEA MARKET: Al, K7HW, said there have been abou 40 tables already sold. Al, also was noted that someone has been getting on various nets and announcing that the RCT Flea Market is sold out of tables. If you hear this, make sure to jump in and set them straight. We have plenty of tables left. Bill, W7GBC, said there will b a meeting at the club house on Monday, July 14th at 7:0 PM for all those who are participating in the Flea Marke

BARK: The deadline for articles is still the 15th of the month.

PUYALLUP FAIR: Kathleen Nace, NØEYK, has the sign-up sheet for RCT's booth at the Fair. She will leave it with Marilyn, KJ7BN, during her absence. Kathleen requests people sign-up soon and often. It's a lot of fun, and you get into the Fair free. The Fair runs for 17 days, from September 5th through the 23rd. The booth, located n the Hobby Hall, needs to be manned during the hours the Hobby Hall is open. That is from 9:00 AM to 10:00 PM every day except for Fridays and Saturdays, when it s open until 11:00 PM Mike, WB7DFQ, announced that Russell Foster, KJ7YP, has esigned from the RCT board, due to a shift change at work, which will not allow him to attend meetings. Mike, as president and chairman of the Board appointed Marilyn Olson, KJ7BN, to complete the rest of his term.

TUNING AND TRAFFIC: Some good DX from Hong Kong, Cambodia, and some South Pacific Islands, and not much else. The club received a QSL card from a former member of RCT. Virgil Patton, K7VP, of Tucson Arizona, made contact With RCT during field day. His old call was W7KNN.

GOOD OF THE ORDER: Shirley, N7QHW, said Club Jackets can still be ordered through Marilyn, KJ7BN, 845-8346, or Shirley at 265-3661. The price for Small hrough XLarge is $36, XXLarge is $40, and XXXLarge is $43. Shirley said we still need an order of a dozen to get his price. Marilyn, KJ7BN, on behalf of Amateur Radio Operator Women Support, presented the prize to the holder of the winning ticket. The prize was a picture of Andrew Jackson. The winner was yours truly, N7UDP, who says thank you AROWS.

Attendance: 60
The meeting was adjourned at 8:25p.m.
Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

☆ ☆

DO THE PUYALLUP!

FAIR, THAT IS!!!

September 5-21, 1997

Please sign up to work in the booth at the Fair at club meetings or call Marilyn, KJ7BN, at 253-845-8346 to get your name on the schedule.

☆ ☆

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO
CONTINUE RECEIVING YOUR BARK

RADIO CLUB OF TACOMA

W7DK

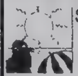
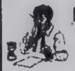
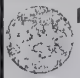
ARRL
RADIO CLUB OF TACOMA
W7DK

SCHEDULE YOUR SWAPMEET VISIT TODAY!

August 2-3 Spokane Hamfest
August 9 Tacoma Flea Market
August 10 Central Oregon DX Club, Redmond, OR
August 16 Lower Columbia ARA, Longview, WA
Sept. 20-21 Anchorage Hamfest, Anchorage, AK
Sept. 20 Portland Hamfair, Portland, OR
Sept. 27-28 Walla Walla Hamfest, Walla Walla, WA
Sept. 27-28 Fairbanks, AK

August 1997

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 *JAMES N7RUL SUMMER FUN	2 9:00 AM CLUBHOUSE OPEN HOUSE 6:00 PM PINOCHLE POTLUCK *BOB KB7TQA *LARRY KD4VOM *RENE
3 *WILMA NEW MOON	4 *PHILLIP W7PFZ	5 7:30 PM RCT NET 147.28R *GEORGE KK7FM	6 7:30 PM RCT BOARD MTG *FRANK W7FJB *GEORGE KC7UFK	7 *DAN KC7BMK *ED KB7FEW *EVA WB7QNS	8 *GLENN KC7IKL RCT FLEA MARKET SETUP	9 *EDWARD KA7LGV RCT FLEA MARKET
10 *DON K7QLC *VEDA KC7BMP	11 *MIKE KI7WH SUMMER WINDS	12 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R *JIM KC7SYT *RALPH K7ITW	13 7:30 PM RCT GENERAL MTG LIBRARY 112 E & WALLER RD	14	15 *BOB KB7NBF BARK DEADLINE	16 9:00 AM CLUBHOUSE OPEN HOUSE *JACK K7DBU
17	18 *SIMEON KB7OZX FULL MOON	19 7:00 PM MVWS EXAMS VE 7:30 PM RCT NET 147.28R *ED KC7SAA *RUSS KC7EKI	20	21 *BOB N7QOZ	22 *MARION WV7V	23 9:00 AM CLUBHOUSE OPEN HOUSE *MIKE KI7YB *ROBERT KF7KI
24 *RALPH KA7FIG	25 12:00 PM CLUBHOUSE LADIES PINOCHLE	26 7:30 PM RCT NET 147.28R *DORIS W7BHI	27 7:30 PM RCT GENERAL MTG LIBRARY 112 E & WALLER RD *MARILYN KJ7BN	28 *GENE W7BTV	29 *DON KB7ZKY *MAX W7AEA	30 9:00 AM CLUBHOUSE OPEN HOUSE *GENE W7IIU
31 *CANDY KK7BI *JACK W7CIU *ROBERT KG7DB						

July 1997

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September 1997

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RADIO CLUB OF TACOMA, W7DK

Tacoma Electronics Fleamarket

Saturday, August 9, 1997
Charles Wright Academy
7723 Chambers Creek Rd West
Tacoma, WA
Open 9 AM to 3 PM

Admission $4 (12 and under **FREE**)

Overnight RVs: $2 (Self Contained - Friday Night Only)

RVs: Pay upon arrival and recieve parking assignment

License Examinations Will Not Be Available at the Flea Market.

However, License Examinations will be given at the Radio Club of Tacoma Clubhouse on Tuesday Aug. 12 at 7 P.M. Call Shirley Murphy 206-265-3661 for more information

For More Info call:
Alan @ 206-840-4947
Bill @ 206-584-1086
Al @ 206-474-9023

- ☞ DOOR PRIZES
- ☞ FREE Parking
- ☞ Ham Gear
- ☞ Commercial Displays
- ☞ Computers & Electronic Equipment
- ☞ Country Store Available for Consignment Sales

☺ Talk - In on 147.28+ ☺

RETURN THIS PORTION FOR TABLE RESERVATIONS ONLY

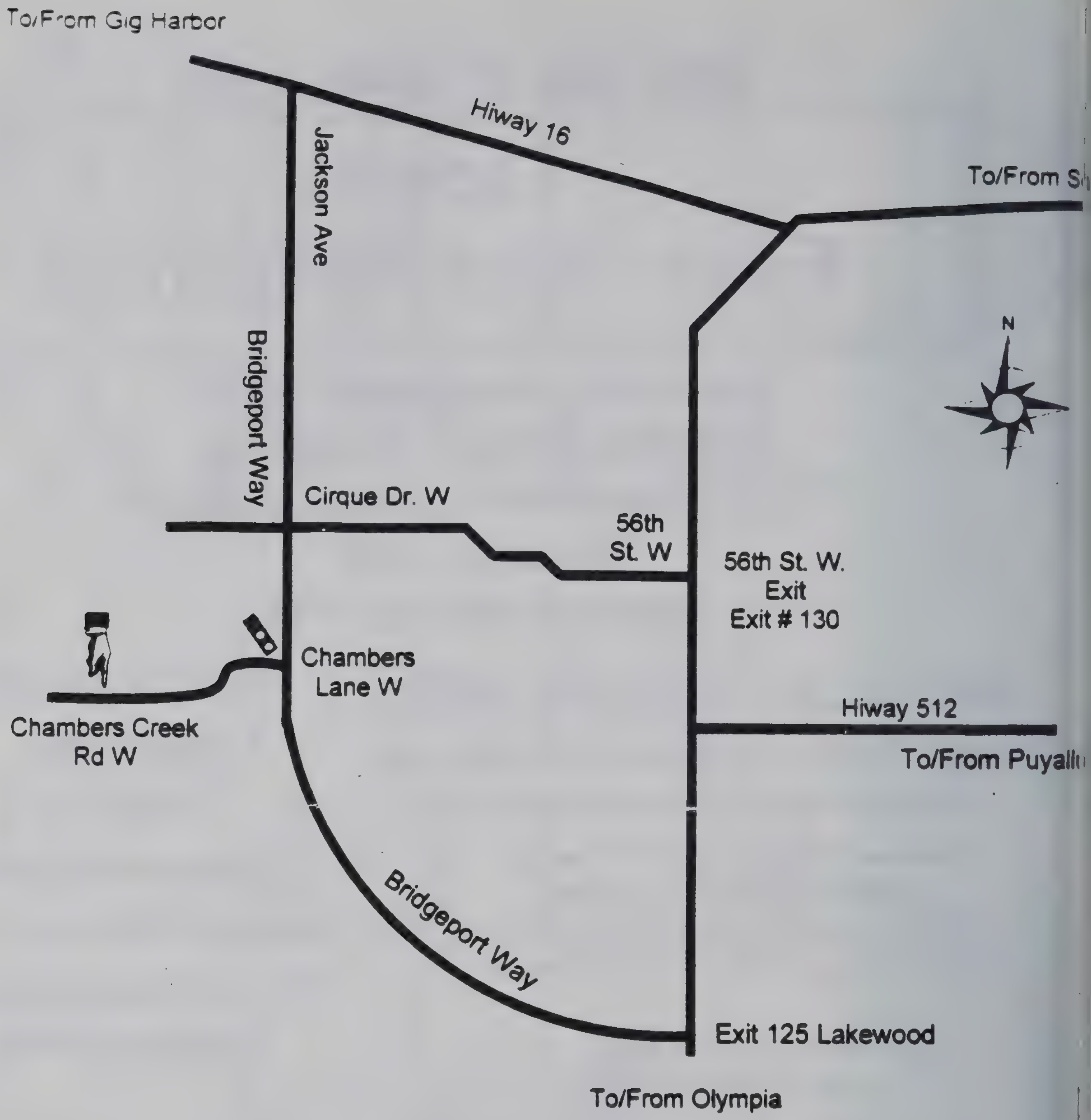
Make Checks Payable to RCT Setup Friday 5 - 9 PM and Saturday 6 - 9 AM

Mail to: Radio Club of Tacoma Box 11188 Tacoma, WA 98411

#	Description	$
	Non - Commercial Tables @ $15 each All Tables sold include one admission	
	Helper Admissions @ $4 each We reserve the right to limit the number of helpers	
	Commercial Booths @ $40 each includes 2 admissions	
	Total Enclosed =	

Name: ______________
Call: ______________
Address :______________
____
City: ______________
State: _____ Zip: _______
Phone: ______________

Do you Need Power? YES NO
Power is Limited, First come First Served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Hiway 16
To/From S
Jackson Ave
N
Bridgeport Way
Cirque Dr. W
56th
St. W
56th St. W.
Exit
Exit # 130
Chambers
Lane W
Hiway 512
To/From Puyall
Chambers Creek
Rd W
Bridgeport Way
Exit 125 Lakewood
To/From Olympia

Map Not Drawn to Scale! Any Questions Use the Call In Freq. and someone willl help you o

Sep 1997

9/97

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

ADDRESS CORRECTION REQUESTED

NON PROFIT ORG.
U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

COMING EVENTS

SEPT 3 - Board Meeting at the Clubhouse - 7:30 PM - All members welcome.

SEPT 5 - 21 - W7DK at THE PUYALLUP

SEPT 6 - Pinochle Potluck - 7 PM at the Clubhouse

SEPT 9 - License Exams - 7 PM - at the Clubhouse

SEPT 10 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM

SEPT 13-14 - ARRL Sept. VHF QSO Party
Worked All Europe Contest, phone
2nd Annual American and Canadian Islands Contest

SEPT 15 - BARK deadline (Early is OK! On time is better than not at all.)

SEPT 18-20 - YLRL Howdy Days

SEPT 20-21 - Air Force 50th Anniversary QSO Party
Washington State Salmon Run

SEPT 24 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM

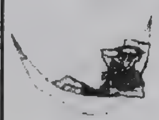
SEPT 29 - Ladies Pinochle - Noon at the Clubhouse

Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.

Do the PUYALLUP!

September 1997

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 *JAMES WA7DWG LABOR DAY NEW MOON	2 7:30 PM RCT NET 147.28R *GAIL N7BVS *STUART W7OQQ *SUSAN N7WHA	3 7:30 PM RCT BOARD MTG *DAVE K7LHB	4 *DICK AA7NI *LES KA7MYU *MERLE W7QLG	5 *DAN K7ASY *JAMES N7WGN *TOM W7PK	6 9:00 AM CLUBHOUSE OPEN HOUSE 6:00 PM PINOCHLE POTLUCK *CARL N7UDP *DICK N7RHV *GENE W7EOF
7 GRAND-PARENTS DAY	8 *JUDY AJ7R *NANCY KC7EBG	9 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R	10 7:30 PM RCT GENERAL MTG LIBRARY 112 E & WALLER RD	11	12 *CHUCK N7WGW	13 9:00 AM CLUBHOUSE OPEN HOUSE
14 FALLING LEAVES	15 BARK DEADLINE	16 7:00 PM MVWS EXAMS VE 7:30 PM RCT NET 147.28R FULL MOON	17 7:00 PM ARES/RACES MTG--TACID BLDG *JOHN KC7OQN	18 *PETER N7ENT *TERRY N7YHP *WORTH W7WG	19 *VALERIE KA7FLH	20 9:00 AM CLUBHOUSE OPEN HOUSE
21 *GARY N7GWC AUTUMN EQUINOX	22 12:00 PM CLUBHOUSE LADIES PINOCHLE *BILL KC7OLY *CHUCK N7ETC *CHUCK W7PWN	23 7:30 PM RCT NET 147.28R *JOE KA7DCX	24 7:30 PM RCT GENERAL MTG LIBRARY 112 E & WALLER RD *CHRISTEL KC7UFL	25 *BOB KG7SM	26 *ALEX KB7LNZ *BUD KC7AVT *FRANK KC7CQW	27 9:00 AM CLUBHOUSE OPEN HOUSE
28 *CHRIS KJ7KU *HAROLD KA7MZA *LORNA KB7YTJ	29 *AL K7HW *JOHN WB7ARK	30 7:30 PM RCT NET 147.28R				

August 1997

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THE
LOGGER'S
BARK
RADIO CLUB
W7DK
OF TACOMA
STARFYR '92

VOL. XXXIV NR. 9 W7DK SEPTEMBER 1997

FROM THE PRESIDENT

WB7DFQ

Well, the Flea Market is history and it was a rousing success! That success can be credited to three special members of the Radio Club. These three members are Al, K7HW, Bill, W7GBC, and Alan, KB7SVU. When I had a problem finding a chairman for the Flea Market, they stepped up and volunteered to get the ball rolling until a chairman was found. To make a long story short, I didn't find a chairman and they saw it through to the end. This involved a lot of long hours and hard work but they came through when it was needed. Al, Bill, and Alan; I want to say, THANK YOU! from me and especially from the Radio Club of Tacoma. I also want to thank all of the people who helped out at the Flea Market. Last year, I was a little disappointed by the participation of the club members but this year you really turned out and helped. THANK YOU! very much.

The FAIR is almost upon us again and we need people to man the Amateur Radio booth. Give it a try! It is fun to meet and talk to all of the people who stop by the booth. Every club member is welcome and in fact, encouraged, to sign up and participate.

As we begin to slide down the backside of the year 1997, it is again time to think about the election of officers. The nominating committee will shortly be looking for candidates and I would like to ask each and of you to consider running for an office. This is your club and it can use you to guide it through the next year. Serving as an officer is interesting and rewarding experience. I encourage you to give it a try.

In case you haven't noticed in the minutes, Russell Foster, KJ7YP, and Mike Compton, KB7ZDR, have resigned from the board of directors citing personal reasons. I would like to thank them for their service to the club and I hope that they will serve again sometime in the future. I have appointed Marilyn Olson, KJ7BN, and Lou Simmons, KB7WDB, to fill the vacant positions until the end of the year.

73, Mike
WB7DFQ

▶ **ARRL NEWS** - Page 7

▶▶▶ *ADDRESS CHANGES* ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail.

Send changes to: Radio Club of Tacoma,
PO Box 11188, Tacoma, WA 98411-0188
or give them to the club treasurer at any club meeting.

THEORY CLASSES COMING!

See page 2

RADIO CLUB OF TACOMA -- 1997

PRESIDENT	MIKE CRAWFORD	WB7DFQ	531-4789
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
SECRETARY	CARL GLIMPSE	N7UDP	845-7966
TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
BOARD (5)	LOU SIMMONS	KB7WDB	847-5124
	MARILYN OLSON	KJ7BN	845-8346
	DAN KELLY	N7QWH	535-2622
	ALAN HUGHES	KB7SVU	840-4947
	JERRY SELIGMAN	W7BUN	845-7652
LOGGER'S BARK STAFF			
EDITOR	KATHLEEN NACE	NØEYK	445-4380
REPORTERS	SHIRLEY MURPHY	N7QHW	265-3661
	MIKE CRAWFORD	WB7DFQ	531-4789
	BRIAN SPINDOR	KA7KUZ	769-9297
	DICK RYAN	W7RGD	627-0922
	MIKE TREIT	KB7QOP	549-2399
	JERRY SELIGMAN	W7BUN	845-7652
PHOTOGRAPHER	STAN WARBURTON	N7KMF	535-6015
PROOFREADERS	SALLY CRAWFORD	KB7PKJ	531-4789
	JERRY SELIGMAN	W7BUN	845-7652
COMPOSITOR	KATHLEEN NACE	NØEYK	445-4380
PUBLISHER	W7DK PRESS	N7QHW	265-3661

◆ ◆ ◆

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Modem or mail all articles to Kathleen Nace, NØEYK, 6906 52nd St. Ct. E. #81, Puyallup, WA 98371 or e-mail: kathleen@excell.com. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

***THE LOGGER'S BARK*, OFFICIAL PUBLICATION OF THE RADIO CLUB OF TACOMA, IS PUBLISHED MONTHLY BY W7DK PRESS, PO BOX 11188 TACOMA, WA 98411. THE PUBLICATION IS MAILED FROM TACOMA, WA, 98411 UNDER 3rd CLASS BULK, NON-PROFIT ORGANIZATION, US. POSTAGE PAID TACOMA, WA. PERMIT #1078.**

POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma
147.88 / .28 MHz 144.97 - Packet
147.98 / .38 MHz (pl 103.5) 441.00 - Packet
449.175 / 444.175 MHz KC7DDA

New Members

David A Miskimens, KC7OVS	RCT # 1976
20090 Bue Rund Loop NE	
Poulsbo, WA 98370-8583	360-598-3605
Louis H Metz Jr, KC7WUV	RCT # 1977
12013 42nd St E	
Edgewood, WA 98372-2442	253-862-2672
Chris Meagher, KC7YEJ	RCT # 1978
1706 N Steele St	
Tacoma, WA 98406-8116	253-761-1304

Reinstatements

Address/Phone Changes/Corrections

Duane Perry, KC7OKP
Change city to Fife

New Calls/Upgrades

Silent Keys

THEORY CLASSES

UPGRADE! Talk around the world!

Jerry, W7BUN, will be teaching General, Advanced and Extra theory classes starting in late September.

You must register in advance, the classes will only be held if there is enough interest.

Register at the club meetings, by calling Jerry at 254-845-7652 or by Email to w7bun@wa.com

HELP WANTED!

GET INVOLVED!
PUYALLUP FAIR '97

PINOCHLE

2 gatherings each month

Pinochle & Potluck - 7PM
1st Saturday of the Month
Ladies Pinochle - 12 Noon
4th Monday of the Month
Both gatherings at the Clubhouse.

Your Ad Could Be Here!

**Call, Shirley, N7QHW
at (253)265-3661 for info.**

SECOND BYTE
NEW & USED MS-DOS COMPUTERS
**ACCESSORIES,
PERIPHERALS,
AND UPGRADES**
N7ARO
Roy Richards
642 NE Woods Ct.
Bremerton, WA 98311
Voice/Fax: (360) 479-2619
E-mail: 2ndbyte@kendaco.telebyte.com

ACCIDENT & BODILY INJURY
LAW OFFICES OF
DOUGLAS K. SMITH, P.S.
(206) 471-1000
(800) 585-8500
AJ7Y

DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409

*AMATEUR RADIO
Friendships
around the world!*

PINOCHLE '97-'98

The weekend after Labor Day we'll start Pinochle on the usual 1st Saturday of the month, September 6th. The potluck supper will be first at 7 PM with cards following at 7:30 PM. Singles are welcome! We already have 3 tables. In May and June, we had more than 4 tables. We play 2 games with a time limit of 1 hour, so we are headed home by 9:30 PM.

Think about joining us! Call me if you have any questions.

Ethel Devish, W7WLX
752-3216

Editor's ♫ Notes

de N0EYK

E-Mail address:
N0EYK@excell.com
or knace@excell.com

THE FAIR

Please remember that YOU are needed at our big chance to promote amateur radio with the public. Volunteer to help - set up. tear down, and many shifts in between all have to have our support. If you haven't signed up to work a shift or two, there are probably some openings available! The FAIR starts Sept. 5 and goes through Sept. 21.

See you at the FAIR! 73, Kathleen

DO THE PUYALLUP!

ARES/RACES

Be sure to check your Department of Emergency Management(DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan, Bob or Shirley(info at the end of the article).

Also, find out which Fire District and Fire Zone you are in and let us know. Volunteers are still needed for manager positions, contact Alan or Bob to volunteer.

SET--What is it? SIMULATED EMERGENCY TEST. The following article is really good, explains about SET and why it is done. It is taken from the July-September 1997 ARRL Field Forum publication.

N7QHW

Annual SET To Be Held October 4-5

The annual Fall classic on every active ARES and NTS member's agenda, the ARRL Simulated Emergency Test is a nationwide exercise in emergency communications, administered by Emergency Coordinators (EC) and Net Managers (NM). Both the Amateur Radio Emergency Service (ARES) and the National Traffic System (NTS) are involved. The SET weekend gives communicators the opportunity to focus on the emergency communications capability within your community while interacting with NTS nets. SET weekend will be held earlier this year, on October 4-5, to avoid conflicts with JOTA and Yom Kippur.

Purpose of SET

To find out the strengths and weaknesses of ARES and NTS, the Radio Amateur Civil Emergency Service (RACES) and other groups in providing emergency communications.

To provide a public demonstration--to served agencies such as Red Cross, Civil Preparedness, and through the news media-of the value to the public that Amateur Radio provides, particularly in time of need.

To help radio amateurs gain experience in communications using standard procedures and a variety of modes under simulated- emergency conditions.

Format

The scoring format reflects broad objectives and encourages recruitment of new hams and use of digital modes for handling high-volume traffic and point-to-point Welfare reports out of the affected simulated- disaster area. Participants will find SET an opportunity to strengthen the VHF-HF link at the local level, thereby ensuring that ARES and NTS are working in concert. The SET will give all levels of NTS the chance to handle exercise-related traffic. The guidelines als recognize tactical traffic on behalf of serve agencies.

Test messages should carry th word "TEST" before the precedence; th is, "Test Priority" on phone and "TEST F on CW. The text of such messages shoul also begin with the words "TEST MESSAGE."

ARES units and other groups ar free to conduct their SETs anytime durin September 1 and November 30 if an alte native date is preferred. The activity perio should not exceed 48 hours.

The deadline for receipt of all reports i January 31. A complete array of reportin forms will be mailed to affected Field Organization appointees. After the SET week end, ECs and Net Managers must sen one set of their completed forms to ARR HQ, 225 Main Street, Newington, C 06111, one set to the Section Emergency Coordinat (SEC) or Section Traffic Manager (STM), and keep th other copy for their records.

Preparing for SET

Emergency Coordinators

Sign up all available amateurs in the area und your jurisdiction and work them into your SET plan Make special efforts to attract new Technicians as ou lined above.

Call a meeting of all ARES members an prospective members to briefly outline (no details!) SE activities, and give general instructions. Do not divulg the exact time or nature of the test to them at this tim This should come as a surprise. Take this opportunity t register new ARES members and get up-to-date info mation on others. Hold an on-the-air meeting if it's n possible to meet in person.

Contact served agencies and explain the inter and overall purpose of the SET. Offer to send te messages to other branches of their agencies, an invite officials to your ARES meetings and SET opera ing sites.

Contact officials of any adjacent communitie having no active amateurs and offer to provide represen tation in amateur networks for them as well.

Arrange publicity in consultation with an ARR Public Information Officer in local newspapers and radio TV stations by preparing an announcement and/or invi ing the press to observe your group's SET operation.

Set up liaison with one or more NTS local/sectio nets (if you don't already have liaison) so you will have a outlet for all messages out of the local area.

Formulate your plans around a simulated disaster. Possible "plots" include a flood, a serious fire, an ic storm, a missing person, a serious accident (automobile bus, aircraft, for examples), a broken gas line, and so forth. Elaborate on the situation by developing a scenario, but please be realistic.

During the SET

Announce the emergency situation. Activate the emergency net. Dispatch mobiles to served agencies.

Have designated stations originate messages on behalf of served agencies. Test messages may be sent simulating requests for supplies. Simulated emergency messages (just like real emergency messages) should be signed by an authorized official. Emphasize tactical communications for served agencies.

As warranted by traffic loads, have liaison stations on hand to receive traffic on the local net and relay to your section net. You should also be sure that there is a representative on each session of the section net to receive traffic going to the local area.

Operate at least one session (or substantial segment of a session) of the local net on emergency-only basis. Or, if a repeater is on emergency power, allow only emergency-powered stations to operate through the repeater for a certain time period.

After the SET

An important post-SET activity is a critique session to discuss the test results. All ARES (and RACES) members should be invited to the meeting to review good points and weaknesses apparent in the drill. Emphasize ways to improve procedures, techniques, and coordination with all groups involved. Report your group's effort using the appropriate forms and include any photos, clippings and other items of interest.

National Traffic System

The main function of NTS in an emergency situation is to tie together all of the various local activities and to provide a means by which all traffic destined outside of a local area, section or region can be systematically relayed to the addressee.

Normal NTS routing should be followed. A valid exception is the handling of emergency traffic which should be routed as rapidly and efficiently as possible, bypassing various levels of nets when delivery can be expedited. Another exception is when one station is loaded down with traffic for one region or section. At the discretion of the Net Control Station (NCS), the station may be directed to bypass a normal channel and go directly to a lower (or higher) echelon net.

The interface between NTS and ARES lies in the liaison function between local nets and other NTS nets, particularly at the section level. Responsibility for representation of the local network on the section net lies with the local net manager who may or may not be the EC. Although we usually think of ARES members being the representatives in section nets, it is equally valid to expect NTS personnel to act as liaison to local nets.

At least one net session or substantial segment of a session should be conducted on emergency power. Plan a surprise session or two. Advise the NCS just before net time. If NCS is unable to operate on emergency power, then someone else must be net control. Only stations operating on emergency power may report in during this time.

Summary

One of the first steps on the way to a successful SET is to try to get as many people involved as possible, and especially new hams. In a real emergency, we find amateurs with all sorts of varied interests coming out of the woodwork. Let's get them involved in SET so they will know more about how emergency communications should be handled. Promote SET on nets and repeaters, and sign up new, enthusiastic Technicians - there are many ripe for picking. Many of those offering to help will be inexperienced in public-service activities. It's up to you to explain what's going on to them, and provide them with useful roles. They may like it so much that they become a permanent fixture in your ARES or NTS group. For a review of last year's nationwide Simulated Emergency Test, see the article in August QST.

If you have not joined ARES/RACES and would like to, contact Alan, KB7SVU, ARES Emergency Coordinator, at 840-4947 or Bob, KB7NBQ, RACES Radio Officer at 206-875-0577 or see Shirley, N7QHW, at any Radio Club of Tacoma meeting for an application.
73 Shirley, N7QHW

SIMULATED
EMERGENCY
TEST

FLEA MARKET THANK YOUS

The Radio Club of Tacoma and the RCT Flea Market committee would like to express our thanks to all of the following individuals for their help. Without that help the Flea Market wouldn't have been the successful event that it was.

Carolyn Pasquier	WV7Q
Chuck Benefield	
Don Olson	W7DON
Marilyn Olson	KJ7BN
Sally Crawford	KB7PKJ
Russell Foster	KJ7YP
Larry Smith	
Bob Hagar	W7SKI
John T.Ege	KC7FGG
Bob Crouch	KG7SM
Lou Simmons	KB7WDB
Nora Simmons	KC7JME
Val Baldwin	N7VGO
Sue Baldwin	KC7AVS
Tressie Hughes	KC7BAL
Art Ives	AA7EO
Jerry Hathaway	K7ETU
Jean Treloar	KB7SVX
Dan Kelly	N7QWH
David Green	
Danny Hermosillo	KC7CUQ
Ben Rasnick	K6VBC
Mike Crawford	WB7DFQ
Morel Guuyot	W6LIX
Roger Terwilliger	WA7ANJ
Mike Horbul	KI7YB
Ben Horbul	
David Olson	
Rob Lee	K7TGU
Jerry Seligman	W7BUN
Chuck Souter	
Louis Metz	KC7VUM
Lorrine Robertson	KA7WGG
Richard Kear	KD6FEA
Phillip Lester	
Al Burleson	K7HW
Bill Shimmin	W7GBC
Alan Hughes	KB7SVU

If you helped out and you don't see your name here please let us know so that we may thank you personally. Again, THANK YOU!

Amateur Radio Exams

in the Puget Sound Region as of May, 1996

1st Tuesday - 7 PM - **Puyallup** Fire Station, 128th S one block west of Meridian, Puyallup - Contact Mik Horbul, KI7YB, 845-2545.

1st Thursday - 7 PM - Helen Keller Elementary Schoo 13820 108th Ave. NE, **Kirkland** - Contact Bria Wood, KF7QF, 481-2361, Bothell

1st Saturday - 1 PM - Boeing Recreation Center - 2264 83rd Ave So, **Kent** - Contact Burt Mendez, KB7ZCV 824-2785, Seattle

2nd Tuesday - 6:30 PM - **Everett** - Cascade High Scho - 801 E. Casino Rd - Contact Larry Luchi, W7KZ 355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clu house - Contact Shirley Murphy, N7QHW, 265-366

2nd & 4th Thursdays - 7:00 PM - **Ft. Lewis** Radio Clu - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 140 Interurban Ave, South - Contact Harry Lewi W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - **Auburn** - Fire Station, 1101 D NE - Contact Dave Barber, K7LHB, 432-1594, Map Valley

3rd Saturday - 9:00 AM - **Ferndale** - American Legi Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 38 0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Good Neighbor Cente 305 S. 43Rd St - Contact Mike Dinkelman, WA7UV 854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Caf Highway 2 - Contact Dave Axe, 793-2526, W7AG Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesan** High School - Pearsall Center, 2109 Sumner Ave next session - September 21 - Contact Nick Bende NX7W, 249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activi Center, 6400 36th Ave. West - Contact Dway Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - **Marysville** - Library - 4822 Gro St. - Contact Loren Hole, KK7M, 335-5258, La Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-11 Technical Bldg, Olympic College - Contact Da Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olymp Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 123 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

News from the ARRL

de Jerry, W7BUN

W7BUN

Gleened by Roger, K8RN, from ARRL sources on the Internet.

ELECTRONIC VANITY APPLICATIONS FLOOD GATE 3

Gate 3 vanity filers flooded the FCC with nearly 1200 electronic and only around 300 paper applications Wednesday. The disparity was in apparent reaction to the FCC's announcement last month that it would give priority in processing to electronically filed vanity applications. But the actual number of electronic filers could be far less than the 1182 the FCC received on August 6. FCC officials in Gettysburg, Pennsylvania, believe that many hams filed more than one electronic application, possibly as a result of a glitch in the electronic filing system. Several callers to the ARRL reported that the online filing system seemed to crash at the end of the electronic Form 610V. This apparently prompted many applicants to start all over again. The vanity application fee increases to $50 on September 15. The FCC has not announced when it plans to open Gate 4.

TAUZIN WANTS TEETH IN ELECTRONIC EAVESDROPPING LAW

Another bill introduced in Congress to beef up prohibitions against electronic eavesdropping has scanner enthusiasts and equipment makers worried and could affect some Amateur Radio equipment. HR 2369, the Wireless Privacy Enhancement Act of 1997, was introduced by Rep Billy Tauzin of Louisiana. If passed, it would-among other things-amend the Communications Act of 1934 to ban the sale of scanning receivers capable of receiving transmissions on any frequency allocated to any Commercial Mobile Radio Service (CMRS). The CMRS is a relatively new umbrella designation of subscriber-based radio services that act like telephone services. In addition to cellular telephone, such services include commercial paging services, commercial air-to-ground services, offshore radiotelephone, personal communication services, and specialized mobile radio services. As currently drafted, the bill appears to affect equipment available to scanner enthusiasts, hams who use scanning transceivers to receive out-of-band, and hams who use out-of-band capability for volunteer work. It would not affect ham frequencies, per se.

FCC SEEKS COMMENTS ON LEAGUE-SPONSORED PETITION

The FCC seeks comments within 30 days on the ARRL's Petition for Rulemaking (RM 9150) that asks the Commission to improve the way it addresses serious Amateur Radio rules violations (see The ARRL Letter, Vol 16, No 16). The petition, filed in late March, calls on the FCC to "create a streamlined, privatized enforcement process" to handle and adjudicate the most serious Amateur Service rules violations. The League asked that the FCC change its rules to permit members of the volunteer Amateur Auxiliary to bring evidence of malicious interference violations directly before the Chief Administrative Law Judge. The Chief ALJ would be authorized to determine if the complainants have a valid case, to issue show-cause orders, and to designate complaints for hearing.

HELP KEEP ARCHIE ALIVE

Archie Comics have traditionally been one of the best Amateur Radio tools for use in classrooms, Scout gatherings, and other youth get-togethers. These books introduce young people to lifetime adventures they can enjoy through Amateur Radio. In many cases, these comics are the first step toward getting a license and getting on the air. But, we gave away the last ones several months ago. We need your financial assistance to help defray the costs of replenishing our supply of these popular Amateur Radio materials. Our current goal-the cost of the minimum print run of 100,000 comics-is $30,000. Donations towards Archie Comics will be used only for that purpose. We'll list the names of contributors making donations of $25 or more in the front of each book. We'll give special recognition in print to clubs and others who make substantial contributions. The ARRL is a 501©(3) organization, and donations to the League are tax-deductible to the extent permitted by the IRS. Please make checks or money orders payable to "ARRL-Educational Activities Fund." On the memo line, please write "Archie Comics." You may put your donation on a credit card. A donation form is on the Web, http://www.arrl.org/ or you can call 860-594-0340. Be sure to designate "Educational Activities Fund." Our deadline to receive donations is October 31, 1997.

Radio Club of Tacoma License Exams

SEPTEMBER 9, 1997

7 PM RCT Clubhouse

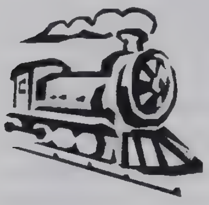
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6 25. For information call:

Shirley Murphy, N7QHW at 253-265-3661

NEW 1X1 SPECIAL EVENT CALL SIGN RULES IMPLEMENTED

New FCC rules to obtain one-by-one call signs for special events have been implemented, and four coordinators have been authorized to handle call sign requests.



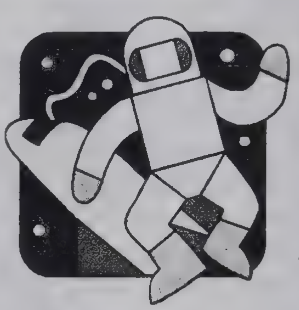
The first special event call sign, W3W, was coordinated August 20 at the request of the Scranton Pocono Amateur Radio Klub (SPARK) of Scranton, Pennsylvania. W3W will be activated October 11-12, 1997, during the Steamtown Marathon.

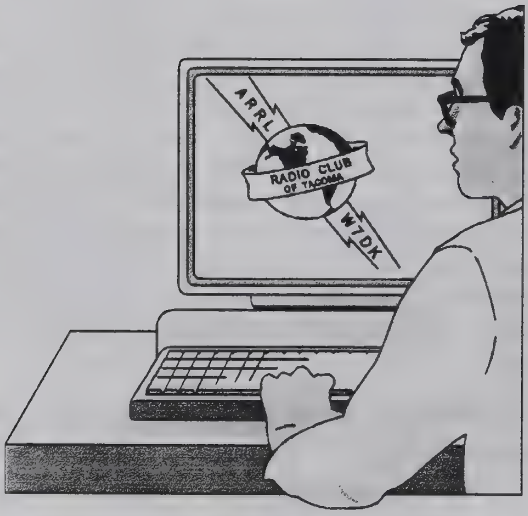
MESSAGE TO MARS MEMBERS: CW BAN REMAINS IN EFFECT

MARS members can put those bugs, paddles and keys away again. The head of the MARS program, Joseph Frizzell, says the ban on the use of CW on MARS frequencies remains in effect. Frizzell said a "miscue" led to an erroneous announcement within the Navy-Marine Corps MARS program to the effect that CW would again be permitted for informal use on MARS frequencies (see The ARRL Letter, Vol 16, No 32). Some Navy-Marine Corps MARS members had already resumed using the mode in the wake of that announcement.

MINI-SPUTNIK TO BE TOSSED FROM MIR

To mark the 40th anniversary of the 1957 launch of Spu nik I satellite and the start of space conquest, l'Aeroclub of France and the Russian Astronautical Federation have embarked on a joint venture to launch a miniature, working version of the original Sputnik. Students from the FR5KJ radio club at Jules Reydellet College in St Denis, Reunion Island, and at the Polytechnic Lab ratory of Nalchik Kabardine in Russia are cooperating o the mini-Sputnik I. The miniature will be able to work in space after it's hand-tossed by a cosmonaut from the Russian Mir space station. The Russians will build the satellite body. A transmitter made by th French students will be placed inside and will emit a continuous series of beeps on 2 meters starting October 4, 1997. During any given month, the signal will be able to be received in every part of the world. (The original Sputnik satellite transmitted a beacon on 20 MHz.)





CHECK IT OUT!

RCT Web Page:
www.mashell.com/~roblee/rct.htm

Heath Monitor Scope, Model SB 610 with manual	$50.00
JC Penny Citizen Band SSB	$100.00
Copper Clad Ground Rods 5/8 inch x 8 feet each	$10.00

Call Wagner Robinson, N7COT,
@253-588-2616

Health and Welfare News

Jim and Judy Kirkreit, K7YLM and KJ7R, are back home. Please give a call on the phone in the afternoons only.

MINUTES

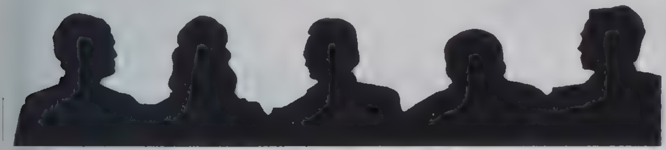
RADIO CLUB OF TACOMA, INC.
REGULAR MEETING
JULY 23, 1997

The Radio Club of Tacoma, regular meeting was called to order at 7:32 p.m.by Mike Crawford, WB7DFQ, Following the pledge of allegiance (lead byBill, W7GBC) and introductions, the club welcomed visitor, KC7YEJ, Chris.

TREASURER'S REPORT: There was no Treasurer's report this month as Shirley is out of town.

HEALTH AND WELFARE: Jim, K7YLM, could receive the lung transplant any day. Jim's wife, Judy, AJ7R, is now staying in the hospital with him. Nora, KC7JME, has a phone number if anyone wishes to call Judy. Eva Anderson, WB7QNS, has had her surgery and is convalescing at a nursing home prior to returning to her home.

PROGRAM: Bill, W7GBC, said tonight's program will be the conclusion of the program on Contesting. The final conclusion of the folks doing the tape on the three most important things for a contesting station, were as follows; Antenna's, Operator's, and Location. After looking at the locations, antennas, and station setups, it is obvious that the number one component is $$$$$$. David Dodd, WB7AUJ, talked on local contesting, and RTTY, after the film was concluded.



COMMITTEE REPORTS:

ARRL: No report.

ARES: No report.

FLEA MARKET: Bill, W7GBC, said the last meeting will be held at the clubhouse on Monday, July 28th at 7:00 PM for any who can participate in the Flea Market. All help will be appreciated. The set-up will start August the 8th, and there will be a free lunch for all those who help. Help will also be needed on the 9th to help tear down and clean-up.

BARK: The deadline for articles is still the 15th of the month.

PUYALLUP FAIR: Marilyn, KJ7BN, wants people to sign-up for duty at RCT's booth at the Fair. She had the sign-up sheet. Admission is free for those who sign up to help. Anyone can do it, you don't need a certain class of license. It's Fun - It's Easy, so sign up and do your part for Amateur Radio. The Fair runs for 17 days, from September 5th through the 21st. The booth is located in the Hobby Hall.

TUNING AND TRAFFIC: Marilyn, KJ7BN, made a rare contact with Banaba Island, a small island north of Australia. Jean, KB7SVX, made contact with a special event station in Oklahoma, and will get a certificate commemorating the "Chisholm Trail".

GOOD OF THE ORDER: Marilyn, KJ7BN, said Club Jackets can still be ordered through herself, (845-8346), or Shirley, N7QHW, (265-3661). The price for Small through XLarge is $36, XXLarge is $40, and XXXLarge is $43. We still need an order of a dozen to get this price. Al Burleson, K7HW, is selling raffle tickets for a ICOM 707 HF radio.

ANTIQUE RADIO STATION: W6NBD, Mac, talked about the Antique Radio Station, with it's new call W7OS. Morel, W6LIX, Worth, W7WG, and Mac, are working to get the Station completely operational.

Attendance: 35

The meeting was adjourned at 8:42p.m.

Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

DO THE
PUYALLUP!
BE THERE!!!

SPECIAL
SERVICE
CLUB

RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
AUGUST 6, 1997

The Radio Club of Tacoma's Board meeting was called to order at 7:32 PM by President Mike Crawford, WB7DFQ, other club officers present were Bill Shimmin, W7GBC, and Carl Glimpse N7UDP, with board members Alan Hughes, KB7SVU, Dan Kelly, N7QWH, Marilyn Olson, KJ7BN, and Jerry Seligman, W7BUN, representing a quorum. Guests present were Al, K7HW, Sally, KB7PKJ, Mike, KB7VNT, Arthur, AA7EO, Lou, KB7WDB, and Nora, KC7JME. The reading of the minutes were dispensed with and will stand approved as published.

TREASURER'S REPORT: There was no Treasurer's Report due to the absence of our treasurer, Shirley, N7QHW, who is on vacation.

CORRESPONDENCE: Notice of the Longview Amateur Radio Clubs Flea Market.

COMMITTEE REPORTS:

FLEA MARKET: Bill, W7GBC, says there was a meeting on Monday night where everything was gone over. The only major problem was one of security. Alan Hughes, KB7SVU, said that people are needed on Friday to keep unauthorized people out. Saturday the help is required to assist in parking, and to man each door to control entry and to keep folks from walking out with something that wasn't paid for. The school has been paid the balance of their bill including a $538 deposit, which will be returned to RCT. Al, K7HW, said at this point the club is a $200 ahead.

MEMBERSHIP & TRAINING: Jerry, W7BUN, is going to put out feelers to see how many folks are interested in a General Class session. Jerry said if he gets six or seven people interested he will start a class in September. Roger Terwilliger, WA7ANJ, has agreed to teach a code class. The details on that are not established as yet.

ROOF: Al, K7HW, said the roof is not leaking, and will be taken care of when the Flea Market and Fair are over.

BARK: The 15th of the month is still the deadline for articles.

PUYALLUP FAIR: Marilyn, KJ7BN, said she has the sign-up sheet, and help is still needed. The antennas that are there are going to have to do for this year.

NEW BUSINESS: Board member Mike Compton, KB7ZDR, has resigned, no replacement has been named as yet.

The antennas at the fair grounds need to be repaired or replaced. The best time will be after the Spring Fair. Lou, KB7WDB, made a motion to spend no more than $500 to do what is necessary to fix the antennas. It was seconded by Jerry, W7BUN. The motion was passed. Lou, will research what is required, and when it can be done.

A motion to spend a maximum of $600 on the garage door was made by Dan, N7QWH. The motion was seconded and passed by majority vote.

A motion to spend a maximum of $200 on cables and fittings to get club bulletin board up and running. The motion was seconded and passed.

ADJOURNMENT:

The meeting was adjourned at 8:25 p.m.

Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

☆ ☆

DO THE PUYALLUP!

FAIR, THAT IS!!!

September 5-21, 1997

Please sign up to work in the booth at the Fair at club meetings or call Kathleen, N0EYK, at 253-445-4380 to get your name on the schedule.

☆ ☆

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO
CONTINUE RECEIVING YOUR BARK

RADIO CLUB OF TACOMA

W7DK

ARRL
RADIO CLUB OF TACOMA
W7DK

NEEDS YOU!!!

Run for the Board or for Club Officer.

SCHEDULE YOUR SWAPME
VISIT TODAY!

Sept. 20-21	Anchorage Hamfest, Anchorage, AK
Sept. 20	Portland Hamfair, Portland, OR
Sept. 27-28	Walla Walla Hamfest, Walla Walla, WA
Sept. 27-28	Fairbanks, AK
Oct. 11	North Kitsap ARC, Silverdale,WA
Oct. 25	Mid-Valley ARES, Rickreal, OR
Oct. 25	Bellingham Hamfest, Ferndale, WA

Oct
1997

10/97

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

ADDRESS CORRECTION REQUESTED

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U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

COMING EVENTS

OCT 1 - Board Meeting at the Clubhouse - 7:30 PM - All members welcome.

OCT 4 - Pinochle Potluck - 7 PM at the Clubhouse

OCT 8 - Club Meeting - LAKEWOOD LIBRARY - 7:30 PM

OCT 14 - License Exams - 7 PM - at the Clubhouse

OCT 15 - BARK deadline (Early is OK! On time is better than not at all.)

OCT 22 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM

OCT 25-26 - CQ World Wide DX Contest, Phone
Ten-Ten International Net Fall CW Contest

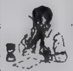
OCT 27 - Ladies Pinochle - Noon at the Clubhouse

OCT 31 - Halloween - Watch out for the ghosts and goblins!

Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.

Run for club officer or board member

October 1997
W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 7:30 PM RCT BOARD MTG *BILL W9BYH NEW MOON	2 *POP WB7WPQ	3 *FRANK W7YDS *MARLENE KC7QFE	4 9:00 AM CLUBHOUSE OPEN HOUSE 6:00 PM PINOCHLE POTLUCK
5 *LEE KC7VAA	6 *BRETT KC7YEQ *HARRY KB7JQM *RALPH W7COP	7 7:30 PM RCT NET 147.28R *CHARLES KC7HFP	8 **7:30 PM RCT GENERAL MTG LAKEWOOD LIBRARY** **NOMINATIONS FOR BOARD AND OFFICERS**	9 *JACKIE KC7CBN	10 *DICK WB7RAX *LYNN WB7ORM	11 9:00 AM CLUBHOUSE OPEN HOUSE *DEL KB7PKI
12 *DONNA KC7ETT	13 *HERB KC7BAA **COLUMBUS DAY**	14 **7:00 PM RCT LICENSE EXAMS** 7:30 PM RCT NET 147.28R *DEL W7JG *ETHEL W7WLX *MARK KC7TVP	15 *MARK KC7IBZ FULL MOON	16 *DICK W7VIC  **BARK DEADLINE**	17 *JOHN KB7SWY *SUSAN KC7AVS *TED KC7CAX	18 9:00 AM CLUBHOUSE OPEN HOUSE *JILL KC7PSQ
19 *NORM W7CMO	20 *DAVE N7WGB *DOUG KC7AZU *HARVEY W7RMI	21 7:00 PM MVWS VE EXAMS 7:30 PM RCT NET 147.28R	22 7:30 PM RCT GENERAL MEETING LIBRARY 112TH E & WALLER RD *CHUCK WY7V *DAWN KC7VZM *ROBIN KC7KXF	23	24 *JEAN KB7SVX	25 9:00 AM CLUBHOUSE OPEN HOUSE *CLIFFORD KC7CLV
26 **DAYLIGHT SAVING TIME ENDS**	27 12:00 PM CLUBHOUSE LADIES PINOCHLE	28 7:30 PM RCT NET 147.28R *ED KC7TVS	29 *NED W7EPE *ROGER WA7ANJ	30	31 **HALLOWEEN** NEW MOON	

September 1997

S	M	T	W	T	F	S
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November 1997

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30						

* HAPPY BIRTHDAY

THE LOGGER'S BARK

RADIO CLUB W7DK OF TACOMA

VOL. XXXIV NR. 10 W7DK OCTOBER 1997

FROM THE PRESIDENT

WB7DFQ

Sally and I just finished our shift in the Radio Club of Tacoma booth at the Western Washington Fair and we had a great time. The booth was very well done and generated a lot of interest. Kathleen Nace, NØEYK has done a great job, just like she has so many times in the past. She is going to be a hard act to follow. I keep hoping that she and Roger, K8RN will return to the area each year so she can do the Fair but I don't think that is going to work. If any one of you out there would be interested in taking over as the Fair booth chairman, let us know. If you don't feel that you are the right person, but know of someone else who would do a good job, the board would also like to hear your suggestion.

Roger Terwilliger, WA7ANJ has been working with the Mount Tahoma High School Radio Club. At this point things are just in the formative stages but as they move along, he may need some help, both from the RCT, and from the individual members. If he approaches you asking for a hand, please consider helping. If we can successfully get ham radio started in the schools, we will have moved a long way toward revitalizing the activity.

After the close of the first meeting in August a very nice young man approached me and introduced himself. His name is Alessandro Siani. He is 15 years old and was visiting from Italy. He presented the Radio Club with a beautiful plaque, some QSL cards, and a letter that reads, in part;

Dear Friends,
My son Alessandro will take to you all a little present from our ARI Radio Club in Brescia and my QSL cards for collection, hoping you will accept. I hope to meet you on next future and/or to meet you on frequency. Have my best 73's GD DX & GL.
Yours Sincerely
Paolo Siani

Alessandro and his father located the Radio Club of Tacoma through the Internet. The problem was, the only address they found was on South Washington, so that is where Alessandro and his host in Tacoma went for the meeting. By the time they found out where the meeting was being held and got there, we had adjourned. Anyway, it was a very nice gesture and I would like to reciprocate, so if you would send, bring, or otherwise get me one of your QSL cards, (mark it "FOR COLLECTION" on the back) I will get a plaque put together and send it, along with the cards, to Paolo and Alessandro.

By the way, **the first meeting in October is being held at the Lakewood Public Library.** Don't be like Alessandro and go to the wrong place. This will be the meeting when the final nominations for officers will be accepted. Be there!

73, Mike, WB7DFQ

▶ **ARRL NEWS** - Page 7

▶ **K7YLM** - Page 12

▶ **NO CODE TECH CLASS** - Page 8

CHANGE OF LOCATION

October 8, 1997, regular meeting

Lakewood Library

RADIO CLUB OF TACOMA -- 1997

PRESIDENT	MIKE CRAWFORD	WB7DFQ	531-4789
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
SECRETARY	CARL GLIMPSE	N7UDP	845-7966
TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
BOARD (5)	LOU SIMMONS	KB7WDB	847-5124
	MARILYN OLSON	KJ7BN	845-8346
	DAN KELLY	N7QWH	535-2622
	ALAN HUGHES	KB7SVU	840-4947
	JERRY SELIGMAN	W7BUN	845-7652
LOGGER'S BARK STAFF			
EDITOR	KATHLEEN NACE	NØEYK	445-4380
REPORTERS	SHIRLEY MURPHY	N7QHW	265-3661
	MIKE CRAWFORD	WB7DFQ	531-4789
	ROGER NACE	K8RN	445-4380
	DICK RYAN	W7RGD	627-0922
	MIKE TREIT	KB7QOP	549-2399
	JERRY SELIGMAN	W7BUN	845-7652
PHOTOGRAPHER	STAN WARBURTON	N7KMF	535-6015
PROOFREADERS	SALLY CRAWFORD	KB7PKJ	531-4789
	JERRY SELIGMAN	W7BUN	845-7652
COMPOSITOR	KATHLEEN NACE	NØEYK	445-4380
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Modem or mail all articles to Kathleen Nace, NØEYK, 6906 52nd St. Ct. E. #81, Puyallup, WA 98371 or e-mail: kathleen@excell.com. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma
147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

New Members

Dan Crompton, KC7TRL #RCT 1979
7306 203rd Street Ct E
Spanaway, WA 98387-5239 253-840-8999

Reinstatements

Address/Phone Changes/Corrections

James R & Dorothy B Stephens
W7CSX & K7JQA
P O Box 4219
Spanaway, WA 98387 253-846-6564

Steve R Puvogel, KB7YCJ
218 Seattle Blvd S Apt B
Pacific, WA 98047-1049 253-804-4428

James Maloney, KF7FB
2500 s 370th St #61
Federal Way, WA 98003-7624 253-661-0713

David & Leslie Llapitan Jr
KG7OP & N7QWJ
2905 31st Street Pl SE
Puyallup, WA 98374-5137 253-848-1318

Stan Warburton III, N7KMF
2425 Carlsabad Ct S
Puyallup, WA 98374-1300 253-845-9023

John Hicks, KC7QFF 253-537-6691

Duane Perry, KC7OKP
3401 Pacific Hwy E #8
Fife WA 98424-1118

New Calls/Upgrades

Silent Keys

Jim Kirkreit, K7YLM

For those who called me about ads i
this issue of the BARK, I apologize f
not making the reconnect with you.
Please try again and be persistant!!
Kathleen, NØEYK
253-445-4380
knace@excell.com

PINOCHLE

2 gatherings each month

Pinochle & Potluck - 7PM
1st Saturday of the Month
Ladies Pinochle - 12 Noon
4th Monday of the Month
Both gatherings at the Clubhouse.

Your Ad Could Be Here!

**Call, Shirley, N7QHW
at (253)265-3661 for info.**

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NEW & USED MS-DOS COMPUTERS
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AJ7Y

DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409

Editor's Notes

de NØEYK

E-Mail address:
NØEYK@excell.com
or knace@excell.com

WELCOME FALL!

With the coming of fall, many of our activities are over for the year. But there is one very important event that is still to come - the election of new club officers and Board members. Please consider running for a position on the Board or for an office. And, of course, everyone needs to make their voice heard by voting.

Thanks to everyone who worked at our booth at the Fair and that helped with our effort from behind the scenes. It takes everyone to make a successful event happen. Big THANKS to Shirley, N7QHW, for taking charge! Good work, y"all!

On September 20, many club members attended the funeral of Jim, K7YLM. Jim was always a champion for amateur radio and for learning. Let's all try to remember and pass on his excitement and joy for everything that life offered. 73 and no key clicks, Jim.

See you next month.
73, Kathleen

*AMATEUR RADIO
Friendships
around the world!*

▶▶▶ ADDRESS CHANGES ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to the club treasurer at any club meeting.

Radio Club of Tacoma License Exams

OCTOBER 14 , 1997

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.25. For information call:
Shirley Murphy, N7QHW at 253-265-3661

ARES/RACES

Training for disasters is an ongoing process that we need to do over and over again. There are fun ways to train though that everyone can do. These are Public Service Events, such as parades, walks, runs, etc. The following is the first installment of an article published in the Amateur Radio News Service and contains a wealth of information about communications.

SPECIAL EVENT COMMUNICATIONS

Public service through providing special event communications has become an important part of amateur radio. But providing communications is more just grabbing an HT and heading out to the event. To do it well, there are a number of rules and procedures that should be followed. The following is part 1 of a 2 part series taken from a handbook prepared by the Santa Barbara Amateur Radio Club (SBARC).

"A Handbook for Amateur Radio Operators"

by Lou Dartanner, N6AKJ.

What is "Event Communications"? SBARC works cooperatively with local non-profit organizations in their events by providing communications to insure the safety of all participants. Each event in which we participate has been reviewed for appropriateness by our Vice President of Operations. The event sponsor is required to provide insurance for the SBARC members participating. This insurance provision is the main reason why event communicators must be SBARC members. The FCC's interpretation of public service assistance that Amateur radio operators can render is keyed around safety issues, such as providing communications to notify event officials of medical emergencies or logistical requirements. But we are specifically prohibited from engaging in communications regarding the event itself, such as the number or name of the lead runner to release to the public. We can take no compensation for our participation in an event, but can accept T-shirts or meals provided to other helpers and/or participants.

Radio Equipment: Of course, you need a radio! A 2-meter HT will suffice, but there are some accessories for your HT you will really need if you will be doing event communications.

The "rubber duck" that comes with your radio is OK under most conditions. You should have with you a 5/8 wave telescoping or a 1/2 wave "loaded: whip for areas with a marginal path to the repeater. Earphones are a must. An inexpensive set used for portable AM/FM radios is OK. It's best to have a set that covers both ears and you can buy a mono to stereo adapter to put audio in both sides. A speaker mike or headset(combination of earphones and mike) is handy. Headphones can be plugged into your speaker mike. This enables you to take your radio off your belt and hold it in the air to get the antenna u for a better shot at the repeater in margin areas. A word of caution about speaker mikes. It's tempting to clip your radio to your belt and hang your speaker mike ov your shoulder, but remember your antenn is around your waist and you're transmitting more signal to your kidneys than to th repeater! Buy an alkaline battery pack ar put in fresh batteries before the event an carry a spare set. Nicads are really unreliable; you never quite know their charging status and they fail at the most inopportune times. It's not easy to recharge Nicads in the middle of the triathlon! It's also handy to have a magnetic-mount antenna. If you are assigned to a SAG wagon or other vehicle you'll have an outside antenna for your HT. Also, you're way out in the "boonies" you can put the magmount on your own vehicle and stand near your station and have a much, much better signal to the repeater.

N7QHW

Personal Equipment: The next consideration is what you will take with you to make your job safe and comfortable. You can usually put your radio and personal supplies in a "fanny pack" or small backpack. Of course, wear comfortable clothing and shoes and bring hat. It's best if you wear an SBARC Event Communicat or Club T-shirt to help identify your position. You shoul try to be self-sufficient and not rely on anyone else. Some things to bring: water or juice, a snack, sunscree a few Band-Aids, hand wipes, and tissue. Also, bring a copy of your FCC license, a notepad and pen, a map, and your instruction sheet from the SBARC event organizer.

Working the Event: Before leaving home, be sure you have everything. Program primary and alternate frequencies in your radio. Select high power. Loc the keypad. (It's awful feeling to hear "beep-boop" and not know what your HT did so you can get it back to normal!) Be sure to be on-station on time! This usually means allowing extra time to find a parking place and g things together. Check in to the net. Locate your assigned position or find your official and introduce yourself. Your job is to "shadow" or stay beside that official and pass information to him or her as necessary. We d not provide communications for the public; you may be asked when the parade will start or where a particular runner is, but politely say you are not in a position to know and can't interrupt the net to find out. When your official wants to send traffic to another official, conside putting them on the radio as third-party traffic. Just ide tify after they are finished talking. Remember, your job communicatios. We are not supposed to help the even personnel. You may miss an important message if you're out directing traffic or handing out water cups.

Watch your background noise: Parades are particularly difficult to work because the noise is very loud. This is why earphones are helpful; they allow you to be able to hear the net through all but the loudest band. Be aware of background noise when you transmit, too. If a train is going by or a band playing, you might have to say "stand by" and respond when the noise subsides. Don't try to talk over the noise; you'll only cause your signal to distort and you won't be understood anyway. If possible, use a noise-canceling microphone. Do NOT try to use a VOX(voice -actuated) attachment. A "stuck mike" can completely shut down event communications. Never put your radio's or headset's transmit switch where it can turn the transmitter on without your knowing it. If you haven't heard anything from the net in a while, check your radio to make sure you're on receive and the right frequency. Check you instruction sheet for directions. You may also receive verbal instructions when you get in position, suchas to notify Net Control when the first swimmer makes the transition to bicycle. Tactical call signs (Check Point Three, SAG Wagon, etc.) are perfectly legal. Just ID with your FCC call sign after a communication exchange is completed. Your may also use the suffix of your call sign as a tactical call, signing off with your complete call. When working events, you should make the transition from your ham radio hobby to an Amateur radio avocation. It's fine to be chatty and laugh with the mike open in ham radio, but it is unprofessional when we're at work.

Good operating Practices: Aim to project a professional image with proper operating practices, whether you're a net controller or a field unit. keep traffic to a minimum. Say what you have to say then release the frequency. Silence is Golden -- it allows someone else to use the channel when he or she needs it. Some things to remember to help you be an efficient, professional-sounding radio operator include: Pitch, tone, and volume of voice. A moderate tone and pitch are desirable. Too high a voice can be irritating, too low can be hard to decipher. While you can't go out and buy a new voice, you should deliberately lower your voice pitch slightly when using the radio unless you have an especially low voice. Try for an even modulation, but not a monotone. Don't trail your voice off at the end of your message--the last part is just as important as the first!

Speed. Too slow and your listener may try to anticipate your next words or may not understand you because it's an unnatural speed. Too fast is worse! Make it a point to slow down slightly when talking on the radio. If you normally talk very fast, slow way down! When transmitting call signs, addresses, names, and other items that must be remembered, noted, or written down, be a bit more deliberate. The speed at which you transmit should be such that the listener can easily understand and/or take notes. Sending logical phrases at nearly normal reading speed followed by ample pauses to allow the receiving operator to finish writing and the results will be fast, error-free transmissions. You tend to talk faster when emotions run high and things get exciting, but that's just when your message MUST get through! Take a deep breath, get yourself under control, plan what you're going to say, an say it slowly.

(To be continued next month.)

If you have not joined ARES/RACES and would like to, contact Alan, KB7SVU, ARES Emergency Coordinator, at 253-840-4947 or Bob, KB7NBQ, RACES Radio Officer at 253-875-0577 or see Shirley, N7QHW, at any Radio Club of Tacoma meeting for an application.

73, Shirley, N7QHW

THANKS FOR "DOING THE PUYALLUP" IN 1997

de Shirley, N7QHW

It was a busy 2 weeks but how much easier it was because of all you great volunteers that kept the Fair Booth staffed for all the shifts. We had all shifts covered by the time the Fair started. The number of shifts covered by all of you numbered 102. It was also greatly appreciated that the changes needed to keep the booth covered was almost none. I think only one shift had to be covered and a big thanks to Roger, WA7ANJ, who covered it even though it meant he couldn't come to the club meeting.

A big thanks also to Dick, KB6PWR; Edith, KB7KSY; Roger, K8RN; and Kathleen, NØEYK for all of their help in getting the booth ready the fair. Many, many compliments were expressed by club members as well as the public on how the nice the booth was. And everybody really loved the quiz on the Spark Gap Generator. Good work!

A big thanks also to Harry, KB7JQM, who readily volunteered to organize the traffic handlers for our fair traffic. It has been a popular activity for the public and we sure appreciate the amateurs who helped out with this part of our fair activity.

By the end of the fair we had handled 123 pieces of traffic and had 1036 hams sign our log. I 'd say it was indeed a successful year even though it rained for several days of the fair.

So THANKS to the following for staffing the booth and working so well with the public. PHIL, W7PFZ; MARV, KC7JKA; CARL, N7UDP; ROGER, K8RN; JOHN, N7JFM; ROGER, WA7ANJ; MARK, KC7TVP; DICK, KB6PWR; ED, KC7OKS; DAN, KC7TRL; LORRAINE, KA7WGG; JIM, KC7SYT; LOIS, KC7SYU; JILL, KC7PSQ; DOUG, KC7AZU; BOB, KG7SM; RUTH, N7WGF; TRESSIE, KC7BAL; ALAN, KB7SVU; BOB, W7SKI; DON, W7DON; LOU, KB7WDB; NORA, KC7JME; PAT KIELE; BILL, W7GBC; AL, K7HW; HAL, W7EC; RICH, N7ANF; DAN, N7QWH; ART, AA7EO; CHUCK, KA7HJN; CHUCK, WY7V; JEAN, KB7SVX; GENE, W7EOF; BLANCHE TICE; ALAN, N7EAY; JOE, KB7UXC; CHRIS, KC7YEJ; LORNA, KB7YTJ; AJ, KC7OKV; MICK, KC7TVM; DAWN, KC7VZM; MIKE, WB7DFQ; SALLY, KB7PKJ; JOHN, KC7FGG; DICK, KG7WF; WORTH, W7WG; MOREL, W6LIX; DENNIS, KA7IIV; DAVE, N7WGB; DICK, N7RHV; WENDY, KC7VUO; TOM, N7QHX; DAVE, KC7OKQ; NICK, KC7OKR; GEORGE, KK7FM; JONATHAN, KC7VUQ; and FRED, N7UET.

And also a big thanks to the traffic handlers. CAL, W7SFT; BILL, KI7YK; DON, K7QLC; TOM, W7PK; JERRY, W7BUN; DAVID, WB7AUJ; KEITH, KB7NVW; VAL, N7VGO; HARRY, KB7JQM; NORMAN, N7ILQ; SHIRLEY, N7QHW; ROGER, WA7ANJ; and FRED, KB7ZT.

And when the fun is all over and the work is still to be done, a great big thanks to Dick, KB6PWR; Edith, KB7KSY; Kathleen, NØEYK; Roger, K8RN; and Dan, KC7TRL for helping to break down the booth and complete the project. We couldn't do it without all of you who volunteer.

Many of the fair booth persons as well as the traffic handlers did multiple shifts or times for handling traffic and it was greatly appreciated. Thanks again and don't forget to help out again next year when we "DO THE PUYALLUP". Thanks one and all!!

73, Shirley, N7QHW

Thanks ICOM for your great support of the Radio Club of Tacoma's efforts at the Puyallup Fair!

ICOM

Amateur Radio Exams

in the Puget Sound Region as of May, 1996

1st Thursday - 7 PM - Helen Keller Elementary Scho 13820 108th Ave. NE, **Kirkland** - Contact Bria Wood, KF7QF, 481-2361, Bothell

1st Saturday - 1 PM - Boeing Recreation Center - 2264 83rd Ave So, **Kent** - Contact Burt Mendez, KB7ZC 824-2785, Seattle

2nd Tuesday - 6:30 PM - **Everett** - Cascade High Scho - 801 E. Casino Rd - Contact Larry Luchi, W7KZ 355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clu house - Contact Shirley Murphy, N7QHW, 265-3661

2nd & 4th Thursdays - 7:00 PM - **Ft. Lewis** Radio Clu - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 1406 Interurban Ave, South - Contact Harry Lewi W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - **Auburn** - Fire Station, 1101 D NE - Contact Dave Barber, K7LHB, 432-1594, Map Valley

3rd Saturday - 9:00 AM - **Ferndale** - American Legi Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 38 0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Good Neighbor Cente 305 S. 43Rd St - Contact Mike Dinkelman, WA7UV 854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Caf Highway 2 - Contact Dave Axe, 793-2526, W7AG Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesan** High School - Pearsall Center, 2109 Sumner Ave next session - September 21 - Contact Nick Bende NX7W, 249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activi Center, 6400 36th Ave. West - Contact Dway Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - **Marysville** - Library - 4822 Grov St. - Contact Loren Hole, KK7M, 335-5258, Lak Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-11 Technical Bldg, Olympic College - Contact Dav Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olymp Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 123 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

◊ News from the ARRL ◊

de Jerry, W7BUN

W7BUN

Gleened by Roger, K8RN, from ARRL sources on the Internet.

AZDEN LEAVING THE US HAM RADIO MARKET

A player in the US ham radio market since the 1970s, Azden is leaving the Amateur Radio business in this country as of August 31. Azden cited "the worldwide decline of the business" as the reason for the move. "We entered the US market through this office very late in the game and with older product. The lack of growth of the end-user base made it impossible for us to spend the huge amount of capital necessary to design and tool up for a more advanced model."

Azden's pullout applies only to the US market. Azden radios continue to be sold in Japan.

FCC LEVIES FINES FOR UNLICENSED OPERATIONS

The FCC has fined Robert J. Powers, KB7TQA, of Puyallup, Washington, $1600 for operating on an unlicensed frequency. The fine stemmed from a violation that occurred a few months before Powers got his Technician ticket in April of 1993. According to the FCC order, FCC agents from the Seattle Field Office discovered Powers on January 26, 1993, operating a radio station on 27.455 MHz "without authorization from the Commission."

ALL VANITY APPLICATIONS TO REQUIRE FORM 159

The ARRL has learned that when the vanity application fee jumpped to $50 on Monday, September 15, the FCC also started requiring everyone filing a paper Form 610V Amateur Station Vanity Call Sign Request to include FCC Form 159, FCC Remittance Advice, with their application–no matter the method of payment. Applications received on or after September 15 and lacking a Form 159 will not be processed and will be returned to the applicant.

FCC Form 159 can be obtained by writing ARRL/VEC, 225 Main St, Newington, CT 06111. An SASE is appreciated. Form 159 also is available from the FCC via the Internet at http://www.fcc.gov/formpage.html or ftp://ftp.fcc.gov/pub/Forms/Form159/. You can also get the form by return fax by calling 202-418-0177 and requesting Form 000159. The FCC Forms Distribution Center also accepts orders at 800-418-3676.

PHASE 3D LOOKING FOR A NEW RIDE

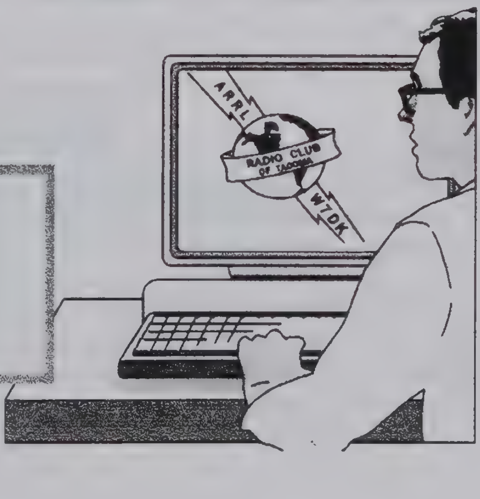
AMSAT made official what most observers had already figured out for themselves--that the Phase 3D payload would not be going up at the end of September. In late July, AMSAT announced that it would have to structurally modify the Phase 3D spaceframe to bring it up to new mechanical standards made necessary by a late change in ESA launch environment specifications. But, making the changes put Phase 3D out of sync with the Ariane 502 launch schedule. As a result, ESA concluded that Phase 3D would not be able to fly on the Ariane 502 mission as initially hoped. The soon-to-be-completed structural changes also added $25,000 to Phase 3D's cost.

FCC ISSUES GATE 3 CALL SIGNS!

Get ready to remember another batch of new call signs. Six weeks to the day after the opening of Gate 3, the FCC began processing vanity call sign applications. On Wednesday, September 17, the FCC issued some 500 to 600 vanity call signs to those who had filed applications on August 6, the opening day.

CHECK IT OUT!

RCT Web Page:
www.mashell.com/~roblee/rct.htm



JOIN THE EXCITING WORLD OF HAM RADIO

AND RECEIVE YOUR TECHNICIAN LICENSE FROM

ONE WEEKEND CLASS

NO-CODE TECHNICIAN
AMATEUR RADIO LICENSE

Saturday, October 4
and
Sunday, October 5, 1997

9 AM TO 5 PM

Sponsored by:

The Radio Club of Tacoma

1249 South Washington Street - Tacoma

To Register, Call:

Bill Shimmin - 253-584-1086
or
Al Burleson - 253-474-9023

Bring a sack lunch to class!
Fee for the class is $10
Books will be available at the class for $19

MINUTES

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING
AUGUST 13, 1997

The Radio Club of Tacoma regular meeting was called to order at 7:30 PM by Mike Crawford, WB7DFQ. Following the pledge of allegiance and introductions, the club welcomed two visitors.

TREASURER'S REPORT: There was no Treasurer's report due to the absence of the Treasurer and no Correspondence due to the absence of the Secretary.

HEALTH AND WELFARE: Jim, K7YLM, has a new mailing address. (Jim Kirkreit, 7777 Forest Lane, Bldg "C", Suite A94-132, Dallas, Texas, 75230).

PROGRAM: Marilyn, KJ7BN, said tonight's program will be the first half of a video on the Heard Island DXpedition.

COMMITTEE REPORTS:

TRAINING: Bill, W7GBC, said that Tuesday's testing at the club house only had four people to test.

PACKET: Mike, WB7DFQ, said the Packet bulletin board has been moved from Jim Kirkreit's house to the club house, but is not yet operational due to lack of antennas, but the problem is being worked on.

CLUBHOUSE: Mike, WB7DFQ, said the garage door will be replaced soon.

ARRL: No report.

ARES: No report.

PUYALLUP FAIR: Marilyn, KJ7BN, still needs people to sign up for duty at RCT's booth at the Fair. She had the sign up sheet. Admission is free for those who sign up to help. Anyone can do it, you don't need a certain class of license. It's Fun - it's easy, so sign up and do your part for Amateur Radio. The Fair runs for 17 days, from September 5th through the 21st. The booth is located in the Hobby Hall.

Attendance: 37

The meeting adjourned at 8:30 PM
Respectfully submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

RUN FOR
OFFICE
OR BOARD

SPECIAL
SERVICE
CLUB

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING
AUGUST 27, 1997

The Radio Club of Tacoma regular meeting was called to order at 7:30 PM by Mike Crawford, WB7DFQ. Following the pledge of allegiance and introductions, the club welcomed guests, Dan, KC7TRL, Becky, KB8YSC, and Clive Tobin, no call yet. There was one upgrade to Extra Class.

TREASURER'S REPORT: The Treasurer's is approved as presented. Paid club membership is 450.

General Fund Checking	$820.38
Repeater Fund Checking	346.01
Packet Fund Checking	500.00
License Classes	124.54
Scholarship Working Fund	700.00
Flea Market Checking	unknown
Money Market Savings	13,111.31
Scholarship Memorial Fund	2796.31
Total all Accounts	$17,771.25

CORRESPONDENCE: Kenwood sent some questionnaires to be filled out by Kenwood users.

ARRL now has repeater guides available on CD ROM.

HEALTH AND WELFARE: Jim, K7YLM, is now back home. Jim's wife, Judy, AJ7R, said he would appreciate hearing from friends. However, please wait until afternoon before calling. Shirley, N7QHW, said Eve Anderson, WB7QNS, is doing well with her new hip.

PROGRAM: Bill, W7GBC, said tonight's program will be the conclusion of the video on the "Heard Island DXpedition". The expedition took 30,000 man-hours to prepare, and 30 tons of gear. The total price tag was around $350,000.00. Their station logged over 80,000 QSO's while on the island.

COMMITTEE REPORTS:

TRAINING: Bill, W7GBC, said the next training session for no code techs will be held October the 4th and 5th , after the Fair is over. Bill, also said, that Jerry, W7BUN, will be starting up a General Class session sometime this fall. The details of which are not yet known. There was a sign-up sheet passed around the members present, so those who were interested could sign-up.

FLEA MARKET: Bill, W7GBC, said we made about the same as last year, around $2000.00 The final tally is not in yet. Bill also said the general attendance was about the same as last year, however, there were many more volunteers this year, making everyone's job easier.

ARRL: No report

ARES: No report

CONTESTING: David, WB7AUJ, said there will be contesting on September the 13th and 14th. He also said there is the Salmon Run on September the 20th and 21st.

BARK: The deadline for articles is still the 15th of each month.

PUYALLUP FAIR: Marilyn, KJ7BN, wants people to sign up for duty at RCT's booth at the Fair. Mike, WB7DFQ, said there was an antenna party on Tuesday to get the antennas in shape for the Fair. Thanks to all those who helped.

TUNING AND TRAFFIC: 15 and 20 meter bands are getting better.

GOOD OF THE ORDER: Shirley, N7QHW, said Club Jackets can still be ordered through her, (253-265-3662) or Marilyn, KJ7BN, AT 253-845-8346. The price for Small through X-large is $36.00; XX-large is $40.00 and XXX-large is $43.00. We still need an order of a dozen to get this price and Shirley thinks we are close.

Shirley, N7QHW, also reminded all VE's that the club will be doing their monthly testing at 7:00 PM on Tuesday September 9th, all VE help will be appreciated.

Attendance: 46

The meeting was adjourned at 8:32 PM.

Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
SEPTEMBER 3, 1997

The Radio Club of Tacoma's Board meeting was called to order at 7;30 PM by President Mike Crawford, WB7DFQ, other club officers present were Bill Shimmin, W7GBC, Shirley Murphy, N7QHW, and Carl Glimpse, N7UDP, with board members Alan Hughes, KB7SVU, Dan Kelly, N7QWH, Marilyn Olson, KJ7BN, Jerry Seligman, W7BUN, and Lou Simmons, KB7WDB, representing a quorum. Guests present were Al, K7HW, David, WB7AUJ, and Patrick Kiele. The reading of the minutes were dispensed with and will stand approved as published.

TREASURER'S REPORT: Treasurer's report is approved. Paid memberships to date is 453.

General Fund Checking 7/1/97	$466.36
Repeater Fund Checking	346.01
Packet Fund Checking	500.00
License Classes	124.54
Scholarship Working Fund	700.00
Fence Fund	72.34
Flea Market Checking	3704.98
Money Market Savings	13,054.38
Scholarship Memorial Fund	2796.31
Available Cash	2.27
Total All Accounts	$21,767.19

Shirley, N7QHW, has transferred all RCT accounts to Washington Mutual Savings Bank, in order to save money on fees charged by our old bank.

CORRESPONDENCE: The club received a copy of a letter written by Dr. Thomas Murphy, to the mayor of Tacoma, Mr. Byron Ebersol. The letter addressed the concerns of RCT regarding the limitations on radio towers. The moratorium on towers by private radio services and cellular phone services should not apply to amate radio. The professional services of the "Radio Club Tacoma were offered to assist in the wording of the ne ordinance if needed."

COMMITTEE REPORTS:

FLEA MARKET: Al, K7HW, said everyone who volu teered did a great job. He said the revenues were up th year, as was attendance. Jerry, W7BUN, said he fee the club members who help should also pay to get in the Flea Market. Some members feel that helpers shou get into the market free, while others feel everyo should pay for admittance. This will be discussed at later board meeting. The board acknowledged the exce lent job done by the three members on organizing th Flea Market. Thanks to Al, K7HW, Alan, KB7SVU, a Bill, W7GBC.

MEMBERSHIP AND TRAINING: Bill, W7GBC, said th first concentrated No-code Tech Class will be on Octob 4th and 5th at the club house. All classes from now will include the new section on emissions. Jer W7BUN, will be teaching a General Class License clas also beginning sometime in September.

FIELD DAY: David, WB7AUJ, has agreed to stay on a assist next year's chairman. Mike, WB7DFQ, asked th a letter be sent to Dixie LeMay, thanking her for the us of the Field Day facility.

ROOF: Lou, KB7WDB, is working on procuring th lumber.

BARK: The 15th of the month is still the deadline f articles, but early is OK.

PUYALLUP FAIR: Shirley, N7QHW, said the sign- sheet for RCT's booth at the Fair is nearly full. Jer W7BUN, said that Harry Price, KB7JQM, will be handli the traffic from the Fair. There are instructions on how handle messages posted in the booth.

NEW BUSINESS: Marilyn, KJ7BN, has made arrang ments to have the "Christmas Pot Luck/Awards Banque at the TACID building. It is set for Saturday the 13th December, from 6:00 PM until 8:30 PM. We still need chairman for this event. The board authorized sendi $100.00 to the ARRL, to help pay for the reprinting of t "Archie" comic books. (they promote amateur radio) was also decided to send copies to the Tacoma a Pierce County main libraries. The board also voted send copies of "Now You're Talking" to the same braries.

Mike, WB7DFQ, announced that the first regular cl meeting in October will be at the Lakewood Library. T December meeting will also be at the Lakewood Library Shirley, N7QHW, expressed concerns that the beams the front porch are getting worse and need to be repair Mike, WB7DFQ, appointed a committee of three to ta care of what needs to be done. They are Bill, W7GB Lou, KB7WDB, and Al, K7HW.

Mike said the Packet BBS is currently upstairs at the cl house. The antenna is here but, has not yet be installed. Alan, KB7SVU, has agreed to climb the tow and install the antenna. Mike, WB7DFQ, said he has club radio which can be used with the BBS.

David, WB7AUJ, said the Washington State QSL Party will be this month, September 20th and 21st.

The nominating committee this year will be Bill, W7GBC, Roger, K8RN, and Al, K7HW.

ADJOURNMENT:

The meeting was adjourned at 8:50 PM

Respectfully submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO
CONTINUE RECEIVING YOUR BARK

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING
SEPTEMBER 10, 1997

The Radio Club of Tacoma regular meeting was called to order at 7:30 PM by Mike Crawford, WB7DFQ. Following the pledge of allegiance and introductions, the club welcomed guest, Clive Tobin, and guest speaker, Mary Lou Brown, NM7N.

TREASURER'S REPORT: Treasurer's report is approved as published. Paid membership to date is 453.

General Fund Checking 9/10/97	$1,106.69
Repeater Fund Checking	346.01
Packet Fund Checking	500.00
License Classes	124.54
Scholarship Working Fund	700.00
Flea Market Checking	3,704.98
Money Market Savings	12,167.11
Scholarship Memorial Fund	2796.31
Total all Accounts	$21,445.64

CORRESPONDENCE: Notice of the North Kitsap Amateur Radio Clubs 6th Annual Hamfest and Electronics Swapmeet. It will be at the Kitsap County Fairgrounds, beginning on Saturday, October the 11th, starting at 9:00 AM. Admission is $4.00 RCT's Antique Radio Station has been invited to be there, and will attend as they did last year. Talk-in is on 145.310 and Simplex 146.520. We also received information on the 8th Annual mount Baker Amateur Radio Clubs "Bellingham Radio Flea Market" to be held in Ferndale, WA will be on Saturday October the 25th from 9:00 AM until 2:00 PM. Talk-in frequency is 146.74/14. Admission is $3.00 at the door.

HEALTH AND WELFARE: Stan Warburton, N7KMF, is now in a wheelchair and on dialysis three times a week.

PROGRAM: Bill, W7GBC, introduced tonight's speaker, Mary Lou Brown, NM7N, Northwest Division Director of the ARRL.

She reported that the FCC has revised the power level thresholds to trigger a routine Amateur Radio station RF exposure evaluation. When the FCC first decreed a year ago that ham radio stations would have to comply with RF exposure guidelines, it set a 50-W threshold level. The updated guidelines increase that threshold level on all HF bands except 10 meters.

The new RF safety guidelines are scheduled to become effective January 1, 1998, for Amateur Radio stations. The revised thresholds are 500 W for 160 through 40 meters, 425 W on 30 meters (where the maximum legal power is 200 W anyway!), 225 W on 20 meters, 125 W on 17 meters, 100 W on 15 meters, 75 W on 12 meters and 50 W on 10 meters. The threshold for all VHF bands is 50 W. On UHF, the threshold level is 70 W on 70 cm, 150 W on 33 cm, 200 W on 23 cm, and 250 W on 13 cm and above. Stations operating at or below these respective power levels are categorically excluded from having to perform a routine RF radiation evaluation. Handhelds and mobile operators are also excluded. However, all stations, regardless of power level, still must comply with the RF exposure limits.

One question from the floor was on the opening of the 4th gate for requesting vanity calls. Mary Lou thought that it would open soon, however, not in time to beat the price increase, effective September 15, 1997.

COMMITTEE REPORTS:

TRAINING: Bill, W7GBC, said the next training session for No-code Techs will be held October the 4th and 5th, after the Fair is over. Bill, also said that Jerry, W7BUN, will be starting up a General Class session on September 22, the location depends on the final number who sign-up.

PUYALLUP FAIR: Shirley, N7QHW, said the sign-up sheet was full prior to opening day. Thanks to all those who signed up. Thanks also to those who agreed to be traffic handlers.

TUNING AND TRAFFIC: Don, W7DON, had some good DX with Lebanon.

GOOD OF THE ORDER: Shirley, N7QHW, said Club jackets can still be ordered through herself, at 253-265-3661 or Marilyn, KJ7BN, at 253-845-8346. The price for Small through X-large is $36.00, XX-large is $40.00 and XXX-large is $43.00. We need to order a dozen to get this price and we are 2 short.

Marilyn, KJ7BN, has made arrangements to have the "Christmas Pot Luck/Awards Banquet" at the TACID Bldg. It is set for Saturday the 13th of December from 6:00 PM to 8:30 PM.

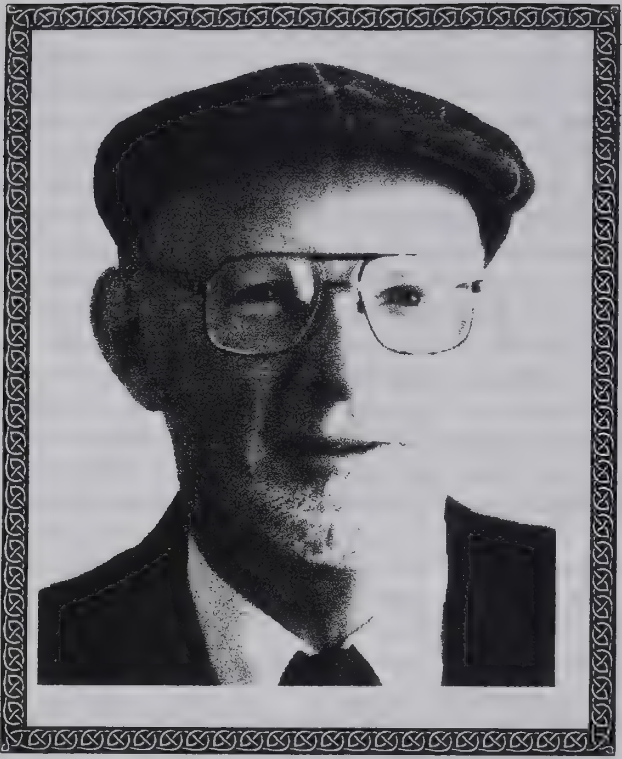
Attendance: 44

The meeting was adjourned at 8:50 PM.

Respectfully submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

SCHEDULE YOUR SWAPMEET VISIT TODAY!

Oct. 11	North Kitsap ARC, Silverdale,WA
Oct. 25	Mid-Valley ARES, Rickreal, OR
Oct. 25	Bellingham Hamfest, Ferndale, WA



JIM KIRKREIT, K7YLM

In Memory...

It seems that Jim has always been an Amateur Radio operator. His great love of CW was well known to all. But even Amateur Radio wasn't before his loving and caring wife, Judy, AJ7R. He was a loving, caring and supportive husband, father, grandfather and friend of many.

Jim's life began February 5, 1931 in Tacoma. Washington and ended all too soon on September 15, 1997 in Tacoma, Washington. He leaves behind his wife Judy; sister Kathryn; daughters Mary, Debbi, and Sue; son Jim; grandchildren Alex, Amy, Crystal, Mason, Cliff, Joshua and Isaiah; and many treasured friends in the Radio Club.

With Jim's great zest for life, he asks that we remember the good times. I've only known Jim a few years but they were good ones. He helped get the AROWS group going and supported them enthusiastically always. But it was a ladies group and even the blond wig didn't work and he couldn't get in. Jim loved antennas and was always encouraging others to experiment. Several events were held each year just for antennas to be tried that were "unique". And, of course, the most unique of all was the fly catcher Jim sported on the rear of his car for that everlasting CW contact while driving down the road.

The biggest and probably the best for the club as a whole was getting us involved in the "Mighty M commemorating 50 years of peace. That was such wonderful special event station and we can thank Jim f our being able to participate.

Jim also helped many learn and/or build the code speed with many hours of class at his home, on th radio, or in the classroom. He was able to instill th enthusiasm for code in others and many have passe that elusive 20 WPM code test due to his caring ar support.

Jim is known for his many "hats", always smilin often mischievous, always helpful, and his unending e thusiasm for amateur radio and the Radio Club Tacoma.

Godspeed and thanks for sharing a part of yo life with your many friends in the Radio Club. I know I a joined by all in wishing you a fond farewell. Followi this are a few remarks from a few of Jim's friends.

73 Shirley, N7QHW

A wonderful gentleman and a world class ham has go to his reward, which I am positive, will be very ri indeed. Jim meant the world to me and if it was not for h positive and caring attitude, I never would have passe my 20 WPM code test. In his own way, he inspired m not to give up, "you can do it" he would always say. He never let up of the encouragement. This old planet has lost one fantastic individual. 73 Jim and I know that the DX is great where you are at!! K7YLM de N7QWH...tnx for everything! Dan, N7QWH

I do not believe I can adequately express in words th sense of loss I feel knowing that I will never again enj the pleasure of Jim's company. He was one of th greatest people I ever knew. Jim was a wonderful ment and a truly great friend. His encouragement and compa ionship were always there for me, a wellspring of go cheer and optimism that provided me some of the be years of my life. The fond memories come in wave mobile CW as we drove together around Tacoma, Ji working DX and then handing the key to me...still set 40 WPM. That excited gleam in his eye when he fir described the Missouri project, telling me I could be a pa of history. Explaining how to assemble a beam anten on his deck, going over the details as we shook off th frigid night air. Tuning around 7.050 and hearing the s music of K7YLM/M on the air. These, just a few of many other fond images floating up from the warm dept of cherished memory. Jim was the reason I got hooked Amateur Radio and for that I wil be forever thankful. Jim: You were a shining example of what life is all abou I shall miss you dearly. 73 Mike, KB7QOP

My association with Jim Kirkreit was created from his activities as president of the Radio Club of Tacoma. He and I were capable of communicating by using high speed international Morse code as if it was merely another language. That bonded our friendship very close along with his capability to turn a task into a fun project. He could do that by getting people to work together causing new friendships. Jim's capable leadership certainly made fond memories in many people's minds, he will not be forgotten. Thanks to Judy, his wife, for her wonderful understanding and backing of his activities. THANKS JIM and JUDY.
Mac, W6NBD, and Betty Parks

Today, try to recall your favorite "Jim Kirkreit moment," share it with someone, and smile. I think wherever Jim is now the bands are wide open, the signals are strong, and they're sending "really nice code."
Brian & Jonmarie Spindor, KA7KUZ & KC7DNK

"You Can Do It!!", Jim Kirkreit, K7YLM

....and so, so many did. Many of us built very imaginative, innovative antennas (such as Mac's 20 meter long wire a foot above the ground, a slinky tuned by pulling a string, and much more) and tried them out at the beach, at the lake, and at the volcano. Some of them worked, but everyone had a wonderful time. The club meeting filled up with eager people, often whole families, all licensed.

One day several years ago Jim gave me a tour of the Radio Club's Museum. I became excited upon seeing an old Hallicrafters SX 28 which I had used on my first job in 1940. Right away Jim suggested that I take on duties with the museum. When I was quite hesitant, Jim exclaimed, "You can do it!" And so I did...by talking Mac and Morel into doing most of the work, and, later Lou to transform the museum.

The only time I saw Jim with a loss of words was the night Hal W7EC was finishing a talk with a demonstration of CW. He asked Jim to copy the taped CW QSO on the board, which Jim eagerly did. All of a sudden Jim got a shocked expression on his face and stopped copying. "What happened?" Jim gasped. Then Hal told him that he had been trying to copy Russian code which had a lot of dit dit dah dahs and other strange characters.

Worth W7WG

Judy asks that Memorials be sent to: CHAPLAIN'S BENEVOLENT FUND MEDICAL CITY DALLAS, 7777 FOREST LANE, DALLAS, TX 75230 in Jim's name.

A Letter from Mike and Key Club

The members of the Mike and Key Amateur Radio Club wish to extend to the friends, family, and members of the Radio Club of Tacoma our sincerest condolences on the passing of your past president Jim Kirkreit, K7YLM. His ideas, enthusiasm and friendship will be greatly missed by all of the Ham Clubs in the area. He fully represented the meaning of the word GENTLEMAN and his memory and his life are a great inspiration for us all.
Chuck Benefiel - N7STR
President
Mike and Key Amateur Radio Club

Perhaps my time seemed all too brief
Don't lengthen it now with undue grief.
Lift up your heart and share with me
God wanted me now; He set me free.
Author Unknown

RADIO CLUB OF TACOMA

W7DK

ELECTIONS

Yes, it is that time of year again and I am sure there are lots of you out there who would like to run for an office and how do i do it. You may volunteer to run by contacting a member of the nominating committee, or find a friend who will nominate you from the floor at the regular meeting in October(first meeting of the month) or you may be contacted by a member of the nominating committee and asked to run for an office or board position. Names and telephone numbers of Nominating committee members occur later in this article.

As a reminder for all of us as elections draw near, Section Four of our By-laws cover the election process and are printed verbatim as follows.

(A) NOMINATING COMMITTEE. On or before the regular September meeting of each year, the President will appoint an Nominating Committee consisting of a Chairperson and at least two other full members who are not current officers. Members of the Nominating Committee shall have been full members of the club for at least two years. All nominees shall be Full Members who have been members of the club for at least two years. The committee shall nominate at least one candidate for each Officer and Board position. The committee shall present their nominees to the club at the October regular meeting. Additional nominations shall be accepted from the floor at the October regular meeting. No member may be nominated from the floor without giving their prior permission. (The regular meeting is defined in the By-laws as the first meeting of the month.)

(B) ELECTION COMMITTEE. At the conclusion of nominations from the floor during the October regular meeting the President shall appoint an Election committee consisting of a chairperson and at least two other fu members none of whom may be candidates for electio This committee shall be responsible for compositio distribution and collection of all ballots.

(C) BALLOT. The election shall be held by secret writte ballot. Candidates for each office shall be listed i alphabetical order by last name. Ballots shall be maile to all voting members in good standing on or befor October 20 of each year and shall be returned by ma postmarked no later than November 5 or personal delivered to the secretary prior to the start of the Noven ber Annual Meeting. The ballot as issued by the Electic Committee shall be the official document used for co ducting the election. No other form, facsimile or cop shall be accepted or counted. Voting by proxy shall n be permitted.

(C) RESULTS OF ELECTION. The Election Committe shall, at the November annual meeting, accumulate an tally all ballots and announce the results of voting. majority of all votes cast shall be necessary to elect a officer. Board Members shall be elected by a plurality (f example the four candidates receiving the most vote shall be elected). If there is a tie vote which preven determination of the top four, or there is no candidate f an Office who receives a majority of the votes cast, written run-off election shall be held at that meeting un a final determination is made. All ballots shall be retaine by the Secretary for a period of thirty days after th election or until all disputes involving the election hav been resolved. Upon completion of the retention peric the ballots shall be destroyed.

(E) DISPUTES. The judge of the election shall be th club President and in that capacity the President sh make the final determination as to resolution of issues disputes. The President's decision may be appealed b a vote of two-thirds (2/3) of the voting members present that meeting.

(F) VOTING MEMBERS. A voting member is a F Member in good standing.

(G) VACANCIES. Officer or Board member vacanci occurring between annual elections shall be filled by a appointment by the President. The person filling th vacancy shall serve to the end of the term of the officer Board member replaced.

Hopefully this will help everyone to understa our election process better. Our Nominating Committ this year is Roger Nace, K8RN, 253-445-4380; Bill Shir min, W7GBC, 253-584-1086 and Al Burleson, K7HV 253-474-9023. Each candidate will be asked to write brief statement about themselves which will be includ with the ballot to aid members in making their choic when voting. The candidates are to submit their stat ments no later than October 15, 1996 to Kathleen Nac NØEYK, 253-445-4380, Editor and Publisher of the Lo ger's Bark. I encourage you to get involved and be willi to run for an office or a Board position. It is amazing h much one learns about our club when filling an office board position.

NOV
1997

11/97

HE LOGGER'S BARK
adio Club of Tacoma, Inc.
O Box 11188
acoma WA 98411

DDRESS CORRECTION REQUESTED

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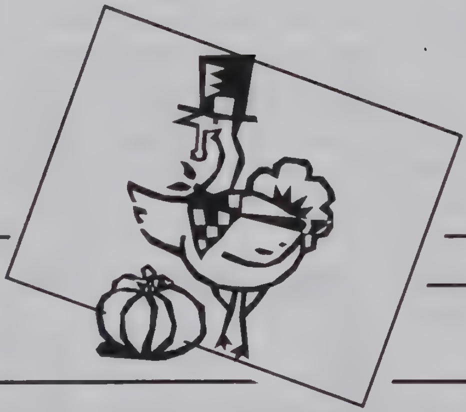
COMING EVENTS



NOV 1 - Pinochle Potluck - 7 PM at the Clubhouse

NOV 1-3 - ARRL November Sweepstakes, CW

NOV 5 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

NOV 8-9 - Worked All Europe Contest, RTTY
Japan International DX Contest, phone.

NOV 11 - License Exams - 7 PM - Clubhouse

NOV 12 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM

NOV 15 - BARK deadline (Early is OK! On time is better than not at all.)

NOV 15-17 - ARRL November Sweepstakes, Phone.

NOV 26 - Club Meeting - Library Center - 112th & Waller Rd. 7:30 PM

NOV 27 - BLESSED THANKSGIVING!

NOV 29 - Ladies Pinochle - Noon at the Clubhouse

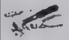
NOV 29-30 - CQ WW DX Contest, CW.

Be listening to the weekly Tuesday
ight W7DK Net for more information
on programs and other events.

REMEMBER TO VOTE!

November 1997

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 9:00 AM CLUBHOUSE OPEN HOUSE 6:00 PM PINOCHLE POTLUCK *DEWEY W7HF *RUSSELL KJ7YP **CW SWEEPSTAKES**
2 *ART KC7RPG CW SWEEPSTAKES	3 *LUIS AA7WE **RCT ELECTIONS--VOTE!!**	4 7:30 PM RCT NET 147.28R *DEBBIE N7QPA **STATE ELECTIONS**	5 **7:30 PM RCT BOARD MTG** *PATRICK KG7KM *PETER KC7IBI *ROBERT KB7MRZ	6 ITS TURKEY TIME	7 *JOEY KB7UXC *MAURICE KA7THR *ROBERT KA7FHM	8 9:00 AM CLUBHOUSE OPEN HOUSE
9	10	11 **7:00 PM RCT LICENSE EXAMS** 7:30 PM RCT NET 147.28R *BETTY N7OVW	12 7:30 PM RCT GENERAL MEETING LIBRARY 112TH E & WALLER RD **RCT ELECTION RESULTS**	13 *CLIFTON W7MFG *KELLIE KC7UHI	14 *JASON KC7QHL *JEROMY KC7JDM	15 9:00 AM CLUBHOUSE OPEN HOUSE **BARK DEADLINE** **PHONE SWEEPSTAKES**
16 *RUTH N7WGF ARRL INTERNATIONAL EME COMPETITION PHONE SWEEPSTAKES	17 *BILL W7GPR *DONALD N7OTV	18 7:00 PM MVWS EXAMS VE 7:30 PM RCT NET 147.28R *WILLIE KA7NXK	19 *STEVE KC7KAZ	20 *JASON KC7THN *MARTHA KC7VUJ	21 *JEFF K7JF *KATHY N7DVS	22 9:00 AM CLUBHOUSE OPEN HOUSE  **2:00 PM ARES/RACES ANTENNA PROJECT & MTG-RCT CLUBHOUSE**
23	24 12:00 PM CLUBHOUSE LADIES PINOCHLE *ALAN KB7SVU *MALCOME KI7RZ *PAUL N7EPH	25 7:30 PM RCT NET 147.28R	26 7:30 PM RCT GENERAL MEETING LIBRARY 112TH E & WALLER RD *ANDREW W7RW *JOE WA7BLE *JOHNNY KJ7M	27 *CLARENCE NU7K **THANKSGIVING**	28 **27 SHOPPING DAYS TILL XMAS**	29 9:00 AM CLUBHOUSE OPEN HOUSE *JACK W7IMW
30						

October 1997

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

December 1997

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

THE LOGGER'S BARK
RADIO CLUB
W7DK
OF TACOMA

VOL. XXXIV NR. 11 W7DK NOVEMBER 1997

FROM THE PRESIDENT

WB7DFQ

By the time you read this you will have received your ballot for the election of Radio Club of Tacoma officers. To those of you who have already sent your ballot back in, thank you! If you haven't sent it in yet, please take a few minutes and cast your vote. I know there aren't a lot of hotly contested races this year but there are some where your vote will count. Remember that this is your club, and the best way you can make yourself heard is at the ballot box.

We have a good group of candidates this year, several of whom are running for the first time. They all seem enthusiastic and have some fresh new ideas. Let's all get behind them and show our support as they get ready to start the next year.

Don't forget the club contest effort being held for sweepstakes on the weekend of November 15-16. You will be able to participate at the clubhouse or from your home station. See David, WB7AUJ, for additional information.

Also, remember to mark you calendar for the Radio Club potluck Christmas party and award banquet on December 13th. See you there!!

73, Mike, WB7DFQ

▶ **TEEN CHAT NET** - Page 4
▶ **SWEEPSTAKES** - Page 8
▶ **ARRL NEWS** - Page 7
▶ **NO CODE TECH CLASS** - Page 10
▶ **DUES RENEWAL** - Page 14

DUES! DUES! DUES! DUES! DUES! DUES!

Dues are in arrears if you have not paid by December 31 of each year. Dues can be mailed to the Radio Club of Tacoma at P O Box 11188, Tacoma, WA 98411 or pay them in person at any club meeting to the club Treasurer.

There is a Dues Renewal Form later in this issue of the Bark and it will also be in the December Bark. All members renewing their dues, please fill out the form and include with your dues payment so our records can be as up to date as possible. Thank you very much.

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will not forward Third Class Bulk Mail.

RADIO CLUB OF TACOMA -- 1997

PRESIDENT	MIKE CRAWFORD	WB7DFQ	531-4789
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
SECRETARY	CARL GLIMPSE	N7UDP	845-7966
TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
BOARD (5)	LOU SIMMONS	KB7WDB	847-5124
	MARILYN OLSON	KJ7BN	845-8346
	DAN KELLY	N7QWH	535-2622
	ALAN HUGHES	KB7SVU	840-4947
	JERRY SELIGMAN	W7BUN	845-7652
LOGGER'S BARK STAFF			
EDITOR	KATHLEEN NACE	N0EYK	445-4380
REPORTERS	SHIRLEY MURPHY	N7QHW	265-3661
	MIKE CRAWFORD	WB7DFQ	531-4789
	ROGER NACE	K8RN	445-4380
	DICK RYAN	W7RGD	627-0922
	MIKE TREIT	KB7QOP	549-2399
	JERRY SELIGMAN	W7BUN	845-7652
PHOTOGRAPHER	STAN WARBURTON	N7KMF	535-6015
PROOFREADERS	SALLY CRAWFORD	KB7PKJ	531-4789
	JERRY SELIGMAN	W7BUN	845-7652
COMPOSITOR	KATHLEEN NACE	N0EYK	445-4380
PUBLISHER	W7DK PRESS	N7QHW	265-3661

◆◆

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Modem or mail all articles to Kathleen Nace, N0EYK, 6906 52nd St. Ct. E. #81, Puyallup, WA 98371 or e-mail: kathleen@exceil.com. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma
147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

New Members

Brett E Curtiss, KC7YEQ RCT #1980
13222 124th Street Ct. E.
Puyallup, WA 98374-2943 253-845-4619

Artur Sikora, KC7YED RCT #1981
20445 108th Ave. SE #23
Kent, WA 98031-1543 253-852-7362

Thomas R Graham, KC7UFO RCT #1982
2834B Monfore Dr.
Fort Lewis, WA 98433-1048 253-964-6837

Michael Grubiak, KC7ZGC RCT #1983
4614 Browns Pt. Blvd. NE
Tacoma, WA 98422-2038 Phone Unlisted

Reinstatements

Address/Phone Changes/Corrections

New Calls/Upgrades

Gene Tice was W7EOF and is now W7ZZZ

Silent Keys

Scott Congdon, N7AFY

SAILORS HELP!

Going cruising. Have 41' ketch. Looking for information regarding ground plane (counterpoise) radios, and antennas. Planning world communications. Seeking a person with sailboat experience. Herb, KC7BAA and Betty, KC7ACY @ (253)984-1519.

Radio/TV testing equipment and old books on repair. Many vacuum tubes. $250 takes all.
Correspondence courses (CIE, NRI, ICS) as well.

Clete McCain
Box 926
Roy, WA 98550
(360)847-4443

PINOCHLE

2 gatherings each month

Pinochle & Potluck - 7PM
1st Saturday of the Month
Ladies Pinochle - 12 Noon
4th Monday of the Month
Both gatherings at the Clubhouse.

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Call, Shirley, N7QHW
at (253)265-3661 for info.

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2702 South 42nd Street
Tacoma, Washington 98409

Editor's Notes

de NØEYK

E-Mail address:
NØEYK@excell.com
or knace@excell.com

VOTE!

It doesn't matter what election, from the smallest to the biggest, you matter. Your informed vote is important. Don't set that ballot aside. Read the information. Fill in the ballot. Get it in the mail!!!

As we approach Thanksgiving, let's all remember and give thanks for all the blessings given in this life.

Blessed Thanksgiving!

73, Kathleen, NØEYK

SCHEDULE YOUR SWAPMEET VISIT IN 1998!

Feb. 21 Salem Hamfair, Rickreall, OR
March 7 Mike and Key Fleamarket, Puyallup, WA
March 28 Eugene Hamfest, Eugene, OR
May 29-31 SeaPac, Seaside, OR

LOCATION CHANGE

Maple Valley Wireless-Society testing now at Maple Valley fire house. Call for directions.

AMATEUR RADIO Friendships around the world!

▶▶▶ ADDRESS CHANGES ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to the club treasurer at any club meeting.

Radio Club of Tacoma License Exams

NOVEMBER 11 , 1997

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.25. For information call:
Shirley Murphy, N7QHW at 253-265-3661

ARES/RACES

I have just returned from the PIERCE COUNTY AMATEUR RADIO COMMUNICATION SERVICES meeting which was held at the Radio Club of Tacoma Clubhouse. Alan, KB7SVU, ARES Emergency Coordinator, and Bob, KB7NBQ, RACES Radio Officer, led the group and really want to hear from all of the members with their ideas of what they would like to see in the future for our group. The numbers were small at the meeting so it is difficult to really know the direction of the whole group.

One of the things that needs to be done is to nominate officers for the organization for 1998. If anyone has a suggestion or is interested in running for an office or a board position, please contact Alan or Bob (phone numbers at the end of this article). All officer positions as well as board positions are open to any active member.

The order of the weekly net held each Tuesday at 7:00 PM on the 145.37 MHz repeater was discussed. Tune in for changes. It will be announced on the net. Do you think a roll call is needed on each net or do we just want announcements and sign off. Let your voice be heard and call Alan or Bob and let them know.

Now for some exciting things coming rsoon. The next meeting of the PC ARCS (Pierce County Amateur Radio Communications Services) is on Saturday, November 22, 1997 at 2:00 PM at the Radio Club of Tacoma Clubhouse located at 1249 S Washington St. in Tacoma. We are going to build 2 meter emergency antennas for use wherever we are. They are very portable, carry in a bag easily and are equally easy to build. We will have the necessary items to build them available but there will be a nominal charge for any that you build for yourself and take home. It is expected to be less than $5 per antenna. The best news is they really work. We will also have a formal meeting and complete the nominations and elections of the officers.

N7QHW

Part 2 of the article I shared with you last month will be in the December Bark, so stay tuned.

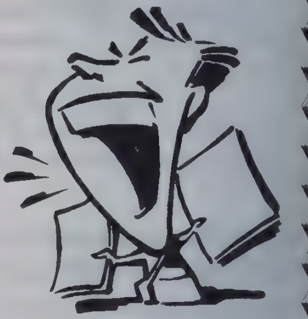
Remember, check your Department of Emergency Management(DEM) card to be sure it has not expired. If it has you need to fill out a new application and turn it in to Alan, Bob or Shirley(info at the end of the article).

Please find out which Fire District and Fire Zone you are in and let us know. Volunteers are still needed for manager positions, contact Alan or Bob to volunteer. Alan and Bob are still looking for a volunteer to manage the Public Service Events for ARES so please consider volunteering and giving a hand.

If you have not joined ARES/RACES and would like to, contact Alan, KB7SVU, ARES Emergency Coord nator, at 253-840-4947 or Bob, KB7NBQ, RACES Radio Officer at 253-875-0577 or see Shirley, N7QHW, at any Radio Club of Tacoma meeting for an application.

73 Shirley, N7QHW

CALLING ALL TEENS!! CALLING ALL TEENS!!



There will be a weekly net on the 147.28 MHz W7DK repeater each Sunday at 7:30 PM. It will begin on Sunday, November 2, 1997. Net controls will be none other than Christel, KC7UFL, Daniel Nelson, KC7MNY, and Jonathan Hill, KC7VUQ. Everyone under the age of 18 is welcome. It will be a chat mode type net and should be a lot of fun!

DON'T FORGET EACH SUNDAY AT 7:30 PM ON 147.28 W7DK REPEATER. TUNE INTO THE RADIO CLUB OF TACOMA TEEN NET.

My Friend Jim

Have you ever watched a bubbling stream?
Have you ever watched a slow sunset?
Have you ever watched a rainbow gleam?

Have you taken the time to rest within your dreams?
Have you taken the time to flot upon a fresh breeze?
Have you taken the time to rest upon a sandy beach?

All these could be found in the rainbow of my friend Jim.
He had the glow and joyous warmth of that slow sunset.
He bubbled over with life through the stream of code his
fingers played.

He loved to rest upon the sandy beach of family love.
He chose to be the fresh breeze that smiles floated in on.
He chose to take the time to play within his dreams.

I may not see my friend again on earth
but in these things he will always live.
We all loved you Jim.

Tressie Hughes, KC7BAL

THANK YOU

Dear Friends in the Radio Club of Tacoma.......

How do I begin to thank all of you? I guess the best thing to say is that I think of you all as my extended family, and you reached out to all of us just like the family you are.

My immediate family and I want to thank you for all the love and caring you've shown to all of us at this difficult time. You sent flowers and plants.....you sent letters, sharing many of your memories of Jim....you brought food and meals to sustain us.....you attended the services for Jim.....you sent donations in Jim's name .....and many of you called offering your support. Thank you so very much.

Jim loved you all and wanted good things for you. You have truly responded in kind in sharing so many loving offerings with us.

In his final days, he asked the family and his friends not to linger over the sadness, but to "remember the good times" and there were many of them.

So, we continue to honor his memory by doing just this - remembering the good times.

Again, thank you all. You are in our thoughts and prayers.

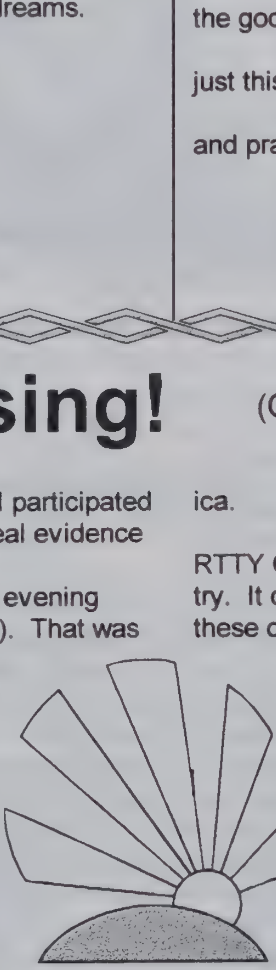
Judy Kirkreit and family

The Sun Is Rising!

(Or ***Wah-hoo, sunspots again!!*** ...editor)

The week-end of September 27-28, I participated in the CQ-WW-RTTY Contest. There was real evidence that we are into the new sunspot cycle.

I started out the week-end on Friday evening working Japan on 15 meters (5:45 local time). That was quite a surprise. There were signals on 20 meters until after 9 pm local time on Friday night. On Saturday afternoon, 20 meters was open to Europe. I worked stations in France, Italy, Spain, Yugoslavia and Croatia. 10 meters open to the south-east both Saturday and Sunday. On Saturday, I worked Florida and heard Aruba (P40). When I called the Aruba station, he came back calling CQ Europe only. Very disappointing. Sunday afternoon, I worked Haiti. 15 meters was open both Saturday and Sunday for most of the day stateside as well as Central and South America.



The next RTTY event is the Worked all Europe RTTY Contest the week-end of November 8-9. Give it a try. It does not take a super-station to work DX during these contest. I am running 100 watts (20 year old TS-520) into a 4BTV vertical with half the radials missing. (Wonder what would happen if I fixed the radials?)

The activity on 10 and 15 underscores the problem of listening, not hearing anything and turning the rig off. There was an article in one of the ham magazines last month about someone organizing a web page where people who would commit to calling CQ using AM on 6 meters. It is amazing how many contacts have been made by using this method. We all need to take the initiative and call CQ.

David Dodd, WB7AUJ

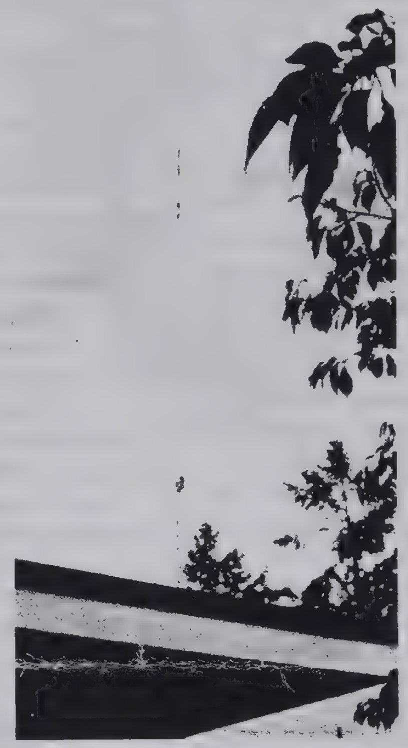
Mount Tahoma High School Amateur Radio Club

October 7, 1997

As we all know, RCT has an Antenna Guru in the person of Alan Hughes, KB7SVU. He goes where Angels seldom tread - literally! He seldom needs or gets help in finding jobs - they're like Santa Claus at Christmas (He's everywhere! He's everywhere!).

As some of us know, RCT has an outside "sales" guy in the person of Roger Terwilliger, WA7ANJ. He goes wherever to help promote Ham Radio to young people - "young" defined as "new ham", regardless of age. He even gives out his phone number as an "Elmer". He is a VE and an instructor in the RCT condensed weekend no-code tech and novice licensing class. Interestingly, another member of the RCT, John Currie, WB7ARK, is a science teacher at Mt. Tahoma High School in Tacoma. He wanted to start a Radio Club at school for interested students, and with the station call of W7MTH, and two candidates, all he needed was a little assistance to get on the air.

Well, that lit Roger's fuse. He contacted John at the school to see if, and how, RCT could help. A site survey revealed the existence of an HF transceiver and an antenna cable that went to where the antenna would have been if it hadn't walked off. A friend of John's had donated a "new/used" Cushcraft R5 as a replacement antenna for the school club.



Cushcraft R5 Vertical, twenty feet high, Mt. Tahoma High School, Tacoma, WA.

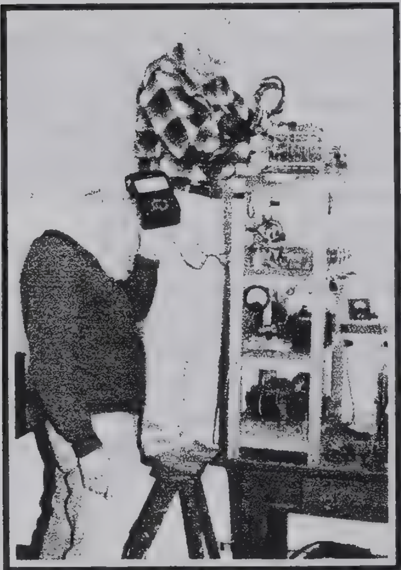
Roger contacted Alan, who confirmed the hardware and installation requirements. After delays in obtaining authorization from the school, and clearance from the weatherman, the installation took three hours on a Monday afternoon. (Remember, Roger was "helping" Alan.) With the antenna in the air, VSWR checks verified performance in accordance with published specifications. (We're anticipating "on-the-air" reports momentarily.) It is hoped that increased security measures will increase retention.

An interesting thought of how appropriate the start-up with TWO aspiring hams, under the guidance o an "ark" - WB7ARK - Coincidence?? Probably. But, considering the heavy rains associated with El Nino - hey! This may WELL BE the start of something good, for the school club, the students, the Radio Club of Tacoma, and the future of Ham Radio!.

Thanks to Bob Stewart, WB7QCS, who donated a 2 meter radio for the club to use for their station.

Contributed by: Roger WA7ANJ
Alan, KB7SVU
John, WB7ARK
Bob, WB7QCS
Thanks to: MTHS ARC W7MTH

An Experience in Ham Radio



Mac, W6NBD, and Morel, W6LIX, at work at the W7OS station.

October 12, 1997
As members of a radio club (Radio Club of Tacoma), our club was invited to joi a neighboring club in their activities of a hamfest and fleamarket sponsored by the Kitsap County Radio Club. Three of us hams accepted the invite and set u a portable operating station using our antique station call of W7OS/7. On 40 meter CW, we contacted N7AKL in Sagle, Idaho which proved we were on the air and radiating. Our next random contact was made with W7NT in Vancouve Washington. During our QSO, we learned that we both had mutual, personal friends generated over past years of our lives. Some were members of the san Army outfit that we were both active radio operators with the Alaska Communications System. We learned of their present whereabouts and even about Har radio schedules that they are still active with, so many contacts will be made with old friends. It is a small world via HAM RADIO—73

Mac Parks, W6NBD
Worth Gurley, W7WG
Morel Guyot, W6LIX
W7OS Antique Radio Station of the Radio Club of Tacoma

◈ News from the ARRL ◈

de Jerry, W7BUN

Gleaned by Roger, K8RN, from ARRL sources on the Internet.

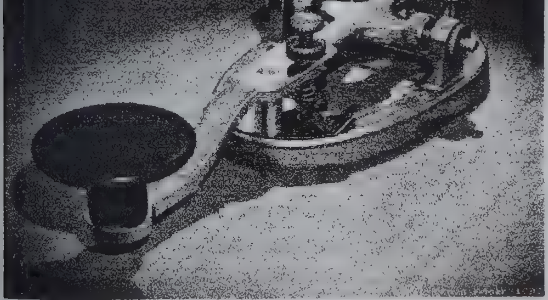
W7BUN

WELL-KNOWN AUTHOR, FORMER LEAGUE STAFFER DOUG DeMAW, W1FB, SK

Acclaimed ham radio icon Milton F. "Doug" DeMaw, W1FB, died September 28. He was 71. One of the most widely published technical writers in Amateur Radio, DeMaw was diagnosed with leukemia earlier this year and had been in failing health in recent weeks. DeMaw served as Technical Department Manager and Senior Technical Editor from 1970 to 1983. During his tenure at HQ, DeMaw served as editor of The ARRL Handbook, and he engineered the shift in emphasis toward solid-state design in QST and the Handbook. He has hundreds of articles in QST and other publications to his credit.

ARRL SEEKS CHANGES TO CW WAIVER RULES

The ARRL has asked the FCC to change the way Morse code exam exemptions for severely handicapped applicants are handled. The League wants to change the procedural requirements in Part 97 that must be met, prior to granting examination credit. Under the League's proposed changes, a candidate at least would have to attempt the CW test--with any and all necessary accommodations--before being granted an exam waiver based on a physician's certification. Also, Volunteer Examiner Coordinators (VECs) would be entitled to request medical information pertinent to an applicant's handicap from the certifying physician. VECs also would be required to have this information on file before the application is forwarded to the FCC for processing.



ARRL AUDIO NEWS DEBUTS

The League has inaugurated ARRL Audio News, a weekly, Web-based audio news service, on October 17. Compiled from The ARRL Letter, ARRL Audio News will include the week's top news from the world of Amateur Radio and the League. ARRL Audio News will be available in RealAudio format via the ARRLWeb, http://www.arrl.org/. Each edition of ARRL Audio News will contain up to 10 minutes of timely Amateur Radio news.

KC5VPF ACTIVE ON PACKET FROM MIR

Dave Wolf, KC5VPF, now aboard the Russian Mir space station for a four-month stay, has tried his hand at the R0MIR packet system. Wolf posted a message to Francisco Costa, CT1EAT, on October 5. Wolf's message said, "New at ham, but will give it a try. Dave." His predecessor aboard Mir, Mike Foale, KB5UAC, returned to Earth early this week. While both men were aboard Mir, Foale gave Wolf a quick course in how to use the personal message system (PMS) on Mir. Wolf has little experience as a ham.

NO HAM "VICTORY" IN RECENT LITTLE LEOS PACT

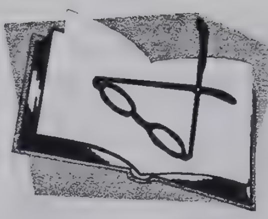
Several hams have touted a recent FCC announcement about Little LEO allocations as a victory for ham radio. This is not the case, however. The recent announcement simply formalized an agreement among the five remaining Little LEO (low earth orbiting satellite industry) applicants over how to divvy up VHF allocations the industry already shares with US government services. At this time, there are no US proposals on the table at WRC-97 that involve Little LEO sharing of Amateur Radio frequencies. However, in reporting the new agreement recently, Wireless Week quoted Aileen Pisciotta, attorney for one of the remaining Little LEOs, as saying: "It is agreed to with the expectation that additional spectrum will be made available in the future." As most hams know by now, the Little LEOs already have proposed sharing three of our VHF and UHF bands to obtain that "additional spectrum" that Final Analysis is "expecting" to get.

SEARCH CONTINUES FOR NEW PHASE 3D VEHICLE

Germany's AMSAT Vice President Peter Guelzow, DB2OS, this week expressed confidence that the Phase 3D Amateur Radio satellite will get off the ground in 1998. "We are certain that P3D will be launched next year on an Ariane," he said in a statement released by AMSAT News Service. Guelzow's prediction concluded a statement in which he called on hams to not "jeopardize the present negotiations by speculations and expressions of bad tempers."

ARRL ANNOUNCES 75th ANNIVERSARY EDITION OF THE HANDBOOK

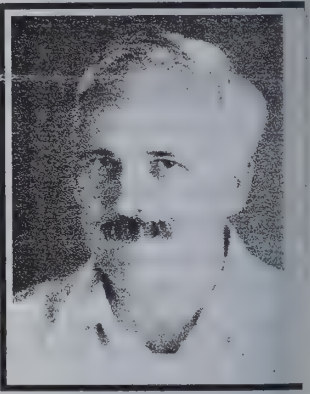
The 1998 edition of The ARRL Handbook for Radio Amateurs is out and at a new, lower price. This marks the 75th edition of this standard electronics reference book, which will sell for $32.
The 1998 Handbook provides 1200 pages of radio communication and electronics information -- both theoretical and practical. New projects in this edition include a high power, high efficiency antenna tuner, a new superregenerative VHF receiver that automatically receives several different types o modulation, and an integrated L-band antenna and amplifier for satellite use.



SOLAR UPDATE

The NOAA Space Environment Center reports that a panel of solar experts met recently and fixed the probable date for the solar minimum around October 1996 an within a possible range from May through December. Panelists believe that Cycle 23 should be a large cycle, but not as big as Cycle 19 in the late 1950s. They expect it to peak around March 2000 and within a range from June 1999 to January 2001. This places the peak in the very near future, but sunspot cycles go up much faster than they go down.

SWEEPSTAKES 1997



WB7AUJ

Would you like to work all states in one weekend? The opportunity presents itself with the ARRL SWEEPSTAKES. If you want to try it on CW, the dates are November 1-3. For phone, they are November 15-17. If you need some fills for 5-Band WAS, SS is a good time to try. With the sun-spot activity up, conditions should be better than last year.

The objective of SS is for stations in the US and Canada (including territories and possessions) to exchange QSO information with as many other US and Canadian stations as possible on 160 through 10 meters, excluding the WARC bands 30, 17 and 12. Since SS contacts are limited to stations in the ARRL and Canadian sections, this contest is a little less hectic than the DX contests. Since you can only work a station once during the contest, try using the highest band that is open.

If you are worried about not having any experience operating in contests, there is only one way to gain contest experience. Gett on the air. Make some contacts. Make some mistakes. Have fun! SS is a good contest getting your feet wet, so to speak. Come by the Club House and join the team for an hour or so. Then go home and try it on your own.

You may only operate 24 out of the 30 hours of the contest window which is from 2100 UTC Saturday (1 PM PT) to 0300 UTC Monday (7 PM PT Sunday evening). Off periods must be at least 30 minutes in length and clearly noted in your log. (Listening time counts as operating time.)

There are three categories of entries: single operator (one person does all the transmitting, receiving , spotting and logging functions); multioperator, single transmitter (several people perform the above functions. If you obtain any form of assistance such as a relief operator, logger or use of spotting nets, including packet clusters, you are in the multioperator category); QRP, single operator (single operator as defined above. QRP is defined as 5 watts output or less.). For single and multioperator stations, there are two power levels - 150 watts or less and over 150 watts.

The exchange for SS is patterned after a message. It includes a serial number, precedence (power level - A, B or Q), sender (your call), check (year first licensed) and message (your ARRL/Canadian section). You may hear someone use these message terms when asking for a repeat of certain information. e.g. 'What was your check?' (What was your year first licensed?)

An example of a full exchange would be "Please copy my number 15, A, WB7AUJ, 64, Western Washington". On CW this would be abbreviated "NR 15 A WB7AUJ 64 WWA". What I am saying is that you are my 15th contact, I am running low power, I was first licensed in 1964 (WA4YXS) and that I am in the ARRL Western Washington Section.

Scoring is two parts: QSO points, which are two for each compete two-way exchange and a multiplier, which is one for each ARRL/Canadian Section + VE8/VY1 (maximum of 79 a clean sweep). There is one new section in Canada this year - Newfoundland-Labrador (abbreviated NL). If you have a computer program for logging, be sure to add this new section to the appropriate table file.

You will find a list of ARRL Sections in the front part of any QST (Page 12 for Oct 97 issue).

Compete rules may be found on page 116 of October QST. If you do not get QST and would like a copy of the rules, you may get them from the ARRL BBS (860-594-0306), via the internet (contest@arrl.org), or give me a call.

In addition to individual competition, there is club competition. Please include Radio Club of Tacoma as your club affiliation on the summary sheet when you submit your log. Last year RCT has eleven logs submitted.

I have agreed to organize a team to operate W7DK at the club house for the phone portion of SS. If you are unable to attend regular meetings to sign up, give me a call (584-3620) to sign up. Please remember, you may participate on this team regardless of your license class. We will have control operators present that will allow you to operate during the contest.

73, and good luck.

CHECK IT OUT!

RCT Web Page:
www.mashell.com/~roblee/rct.htm

NOTICE

***The Maple Valley Wireless Society testing* program will move, effectively immediately, from the Fire Station in Auburn to the *Fire Station in Maple Valley*.**

Amateur Radio Exams

in the Puget Sound Region as of May, 1996

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, **Kent** - Contact Burt Mendez, KB7ZCW, 824-2785, Seattle

2nd Tuesday - 6:30 PM - **Everett** - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clubhouse - Contact Shirley Murphy, N7QHW, 265-3661

2nd & 4th Thursdays - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave - next session - September 21 - Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

MORE AMATEUR RADIO OPPORTUNITIES FOR YOU

Contesters Wanted

Jerry, W7BUN, will be operating the ARRL November Phone Sweepstakes Contest as a multioperator station using the contest call of N7PP. Phone Sweepstakes are from 1:00PM PST Saturday, November 15th to 7:00PM PST Sunday, November 16th. Stations can operate for any 24 hours out of the 30 hour period. If you would like to operate for a couple of hours from a full-power station with big antennas, call 253-845-7652 to schedule your operating time.

Troubleshooting & Repair of Older Receivers

Rob Lee, K7TGU, and Jerry, W7BUN, will instruct a course in how to troubleshoot and repair older (tube-type) radio receivers. The course will be on Sunday afternoons, in November from 1PM to 4:30PM. Novembe 2nd and 9th will be classroom sessions reviewing radio theory. November 23rd and 30th will be workshops sessions covering signal tracing, alignment, repairs, and so dering techniques. Call Jerry at 253-845-7652 to register.

Upgrade Classes

Classes are being formed for upgrading to Advanced and Amateur Extra Class. Classes are planned for Monday or Thursday evenings from 7PM to 9:30PM for 5 or 6 weeks. Call Jerry, W7BUN, at 253-845-7652 for details or to register.

ONE WEEKEND TECHNICIAN CLASS

RADIO CLUB OF TACOMA · NOV 8 & 9 · 9 AM - 5 PM

Come and Learn What You Need to Know!

Pass Your No-Code Technician Examination!

To Register Call:

Bill Shimmin 253-584-1086
or
Al Burleson 253-474-9023

Bring a Sack Lunch · Class Fee: $10 · Book Available: $19

MINUTES

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING
SEPTEMBER 24, 1997

The Radio Club of Tacoma, regular meeting was called to order at 7:30 PM by Mike Crawford, WB7DFQ, Following the pledge of allegiance and introductions, the club welcomed regular guest Clive Tobin.

TREASURER'S REPORT: Treasurer's report is approved as published.

General Fund Checking 9/9/97	$962.70
Repeater Fund Checking	346.01
Packet Fund Checking	372.57
License Classes	124.54
Scholarship Working Fund	700.00
Flea Market Checking	3,704.98
Money Market Savings	12,167.11
Scholarship Memorial Fund	2,796.31
Total All Accounts	$21,174.22

Paid memberships to date are 454.

CORRESPONDENCE: The Club received a "Thank You" note from Eva Anderson, WB7QNS, for making her an honorary member of the Radio Club.

HEALTH AND WELFARE: There were two announcements of silent keys. Mike, WB7DFQ, requested the members rise for a moment of silence for Scott, N7AFY, and Jim, K7YLM. Shirley, N7QHW, said that Stan Warburton, N7KMF, is now confined to a wheelchair. He does listen to the repeater though, and would appreciate a call now and then.

MEMBERSHIP & TRAINING: Bill, W7GBC, said the next concentrated no code tech class will be on October 4th & 5th at the club house. The cost is $10, and is limited to the first 25 people. Shirley, N7QHW, said all VE's will be needed for the testing on Tuesday, October 14th. Jerry, W7BUN, said his general class may also be ready for testing by then.

Roger, WA7ANJ, said he would like to get some kind of a youth net going, and that he will help in any way he can. Roger, has also been talking with Mr. Curry, a teacher at Mt. Tahoma H.S., about starting a Ham Class there. He is interested in your ideas on getting youth involved in amateur radio, so give him a call with your ideas.

PROGRAM: Bill, W7GBC, introduced tonight's program on the installation of long wire antennas. Hal Stahlhut, W7EC, showed the "sling shot" he built and uses to get the antennas up over 100+ foot tall trees. There were several home made sling shots there of similar design. Hal told of the trial and error methods in designing and building these formidable pieces of equipment. The tripods, constructed of aluminum or wood, stand 8 to 10 feet tall. The sling is constructed of leather and the propulsion is provided by multiple pieces of 5/16 inch surgical tubing. A fishing reel fastened on the under side of the tripod has a projectile fastened to the fishing line. This is passed over the top of the tripod and into the leather pouch. The tubing is fastened near the top of the tripod, and is pulled tight down the shaft of the tripod. There are various methods of pulling the sling taut, holding it in place, aiming, and releasing the projectile. The only thing that is sure is they all work.

COMMITTEE REPORTS:

ARES: Shirley, N7QHW, said there was an event this weekend, the "Walk Down Memory Lane", to benefit the Alzheimer Foundation. Judy, N7NII, is the event chairman and can be reached on 847-5918. They need plenty of help, so call if you can assist. Shirley also said Judy needs someone to fill in as net control while she is gone on a trip. Please call if you can help.

ARRL: Jerry, W7BUN, said gate #4 for vanity call signs for General class should open soon. Jerry also said he would like to operate his station as a multi-operator station during the HF contest coming in November. If you would like to participate, please contact Jerry.

BARK: Nora, KC7JME, said the BARK party will be at the club house on Monday September 29th at 10:00 AM .

PUYALLUP FAIR: Shirley, N7QHW, says thanks to all. Everyone who signed-up, showed-up (except for one, due to a death in the family). That vacancy was filled by Roger, WA7ANJ. Thanks also to all those who handled the traffic from the booth. There were 1036 sign-ins in the log book. That is down from the previous year, as were the number of messages that were sent. (Note; general attendance at the Fair was also down this year.) Shirley also extended special thanks to Roger and Kathleen, K8RN and N0EYK, Dick and Edith, KB6PWR and KB7KSY for all their hard work in getting things set up. Thanks also to those who worked prior to the Fair on getting the antennas workable, Alan, KB7SVU, and Lou, KB7WDB. Thanks also who came after the Fair and helped break down the booth. That crew was made up of Roger and Kathleen, K8RN and N0EYK; Dick and Edith, KB6PWR and KB7KSY; and Dan, KC7TRL. (Ed. note: Thanks to Shirley for jumping in at the last moment! WOW!)

CHRISTMAS POTLUCK & AWARDS BANQUET: Marilyn, KJ7BN, has made arrangements to have the event at the T.A.C.I.D. building. It is set for Saturday the 13th of December from 6:00 to 8:30 PM The building is located at 19th and Columbia, near T.C.C.

TUNING AND TRAFFIC: There were a number of stories on RF interference and what the FCC would or would not do about them. Dr. Murphy, N7QHX, explained a simple way to get a certificate showing that your station complies with the new regulation regarding RF emissions, which

REMEMBER
TO
VOTE

SPECIAL
SERVICE
CLUB

takes effect on January 1, 1998.

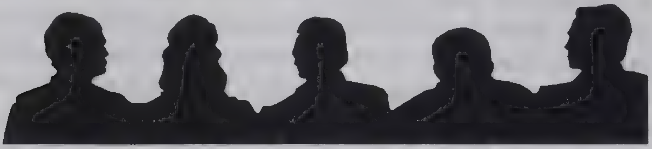
GOOD OF THE ORDER: Shirley, N7QHW, said club jackets can still be ordered through herself, (265-3661), or Marilyn, KJ7BN. The price for Small through X Large is $36, XX Large is $40, and XXX Large is $43.

Mike, WB7DFQ, said Dr. Murphy, N7QHX, was successful in getting Amateur friendly wording in the county ordnance restricting towers and RF emissions.

Mike, WB7DFQ, said the packet station is getting close to being operational, maybe two weeks.

Attendance: 42

The meeting was adjourned at 8:50 PM
Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma



RADIO CLUB OF TACOMA, INC. BOARD MEETING MINUTES

OCTOBER 1, 1997

The Radio Club of Tacoma's Board meeting was called to order at 7:30 PM by Vice President Bill Shimmin, other club officers present were Shirley Murphy, N7QHW, and Carl Glimpse, N7UDP, with board members Alan Hughes, KB7SVU, Dan Kelly, N7QWH, Marilyn Olson, KJ7BN, and Lou Simmons, KB7WDB, representing a quorum. Guests present were Al, K7HW, David, WB7AUJ, Chuck, KA7HJN, Roger, K8RN, Morel, W6LIX, Hal, W7EC, and Bob, W7SKI.

TREASURER'S REPORT: Treasurer's report is approved.

General Fund Checking	$1,053.11
Repeater Fund Checking	346.01
Packet Fund Checking	372.57
License Classes	95.92
Scholarship Working Fund	700.00
Flea Market Checking	3,704.98
Money Market Savings	12,167.11
Scholarship Memorial Fund	2,796.31
Available Cash	44.87
Total All Accounts	$21,280.88

Paid memberships to date are 456.

OPENING REMARKS: Bill, W7GBC, announced that he was resigning from the Nominating Committee, as current officers are specifically excluded from that committee by club rules. Bill appointed Morel, W6LIX, to replace him and chair the committee. The committee will be giving the list of candidates to the members at the next general meeting, and is accepting more nominations.

MINUTES: Shirley, N7QHW, made a motion to amend the minutes from the last board meeting. The minutes indicated that the board authorized sending copies of the "Archie" comics to both Tacoma and Pierce County main libraries. It should have read copies of "Now You're Talking". The motion was seconded and carried.

CORRESPONDENCE: We received "Kenwood Reports" which will be posted on the bulletin board at the club house.

COMMITTEE REPORTS:

MEMBERSHIP & TRAINING: Bill, W7GBC, said the first concentrated no-code tech class will be on October 4th & 5th at the club house. The next No-code Tech class will be November 8th & 9th at the club house. Jerry, W7BUN, has taught 2 General Class License classes, and has 2 or possibly 3 to go. Bill said he has talked to Roger Terwilliger, WA7ANJ, regarding a code class. Roger agreed to teach code, but no details have been worked out as yet.

CLUB HOUSE: Lou, KB7WDB, said he is completing the garage, but is having trouble with the door. He woul like to make two 4 ft. doors rather than one 8 ft. door, pri marily due to the weight. Lou also said trees were trimmed or removed around the club house. Lou will jac up the front porch area to ensure safety. A more detaile inspection of the damage will be done to determine if we can make the repairs, or if professional help will be required. Al, K7HW, said the garage roof will be done wit the next good weather. Al also said it still is not leaking.

FLEA MARKET: Shirley, N7QHW, said the club made about $2000 from the event.

PUYALLUP FAIR: Shirley, N7QHW, said we did as wel as could be expected with the attendance down. Shirley has agreed to be next years chairman with help from Kathleen, N0EYK. Alan, KB7SVU, said there is still some antenna work to be done at the Fair site, but does not see any problem in getting it done.

FIELD DAY: David, WB7AUJ, has agreed to stay on and assist next year's chairman. He said the other site for next year cannot be looked at until next year.

BARK: The 15th of the month is still the deadline for articles, but early is better.

ARES/RACES: Alan, KB7SVU, said they would like to hold their meeting at the club house on the 15th of the month to hold elections. Alan also questioned RCT's "Emergency Station" status. Who is in charge and what are the protocols in the event of an emergency? Brian Spindor, KA7KUZ, is the station manager, and should be contacted for status on the Emergency Station.

CHRISTMAS POT LUCK/AWARDS BANQUET: Dawn Pier, KC7VZM, will be the chairman of the event. It is se for Saturday the 13th of December, from 6:00 PM until 8:30 PM at the T.A.C.I.D. Bldg.

NEW BUSINESS: Alan, KB7SVU, asked about RCT's Long Range Planning. Alan believes that as a 501C3 organization, we are eligible for federal grants for repair and updating of our facility. However, without a long range plan, we can not get grants. He is very disappointed that nothing has happened so far, and we have lost out on possible grants for this year. Bill, W7GBC, asked about the club Packet BBS. Lou Simmons, KB7WDB, said the cable was hooked up and ready to come inside. We are waiting for direction from on high, and, I guess, a radio.

Bill, W7GBC, also asked about the 440 repeater. Al, K7HW, said it was with Mike, WB7DFQ, status unknown. Lou Simmons, KB7WDB, expressed his interest in getting a youth chat net started on the W7DK 28 repeater. Shirley, N7QHW, said we will need to set down some rules and get the net started.

Morel, W6LIX, said that Worth's, W7WG, recent back operation went well and he should be released from the hospital in a few days. Morel said while he was visiting Worth, that Worth suggested we (the club) send a donation, in Jim Kirkreit's name, to Chaplain's Benevolent Fund in Dallas. It was moved, seconded, and carried, that the club send a $50 donation to the fund.

David, WB7AUJ, says he will operate the club station during the upcoming contest in November. Jerry, W7BUN, is also planning to operate his station during the contest, and would like to have others join him to make it a multi-operator station.

The meeting was adjourned at 8:28 p.m.

Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO CONTINUE RECEIVING YOUR BARK

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING
OCTOBER 8, 1997

The Radio Club of Tacoma regular meeting was called to order at 7:30 p.m. by Mike Crawford, WB7DFQ, Since there was no flag, the pledge of allegiance was dispensed with, and members went straight to introductions. The club welcomed visitors Jack, N7OYR; Bob, WO7B, and new member Michael Grubiak, KC7ZGC.

TREASURER'S REPORT: Treasurer's report is approved as published.

General Fund Checking 9/9/97	$973.94
Repeater Fund Checking	346.01
Packet Fund Checking	372.57
License Classes	95.92
Scholarship Working Fund	700.00
Flea Market Checking	500.00
Money Market Savings	14,372.09
Scholarship Memorial Fund	2,796.31
Total All Accounts	$20,156.84

Paid memberships to date are 455.

CORRESPONDENCE: We received the new AEA amateur radio product catalog, which will be posted in the club house.

MEMBERSHIP & TRAINING: Bill, W7GBC, said the concentrated no code tech class was tested on the 7th. Those who did not pass will hopefully come back to try again on Tuesday, October 14th. The next concentrated class will be on November 8th & 9th.

PROGRAM: Bill, W7GBC, introduced tonight's program on building antennas. Jack, N7OYR, owner of Shoe String Antennas, gave the presentation. Jack showed a number of simple ways to build antennas, using PCV and twin lead. He also showed his version of a "spud gun". Members were able to come up and look at the examples, and ask questions after the presentation. Jack also left some catalogs and information pamphlets for members desiring them. He also left some flyers on the Pendleton's 1st hamfest coming up next April.

COMMITTEE REPORTS:

ARES: KB7SVU, Alan, said there would be a meeting next Wednesday, at 7:00 PM at the club house.

BARK: Article deadline is the 15th.

CHRISTMAS POTLUCK & AWARDS BANQUET: Dawn Pier, KC7VZM, said she will be sending around a sign up sheet to get an idea of how many people are planning to attend. It is set for Saturday December 13th, from 6:00 to 8:30 PM in the T.A.C.I.D. building. The T.A.C.I.D. building is located at 19th and Columbia.

TUNING AND TRAFFIC: David, WB7AUJ, says the HF bands are opening up and conditions are improving. David will be operating the club station during the Sweepstakes coming in November. He will be doing the phone portion, on the 3rd weekend in November. So sign up, and come join the fun at the club house. David, also said to listen for "Jamboree on the Air", a scouting event, and if you hear them, give them a call. Jerry, W7BUN, is also planning to operate his station during the Sweepstakes contest, and would like to have others join him to make it a multi-operator station. He will operate the 1st weekend In November on CW, as well as the 3rd weekend on phone. Contact Jerry if you are interested in joining him and using his powerful station to break through those pile-ups. (845-7652) P.S. you can also work the contest from your own station at home. Roger, WA7ANJ, thanked Bob Stewart, WB7QCS, for donating a 2 meter radio for Tahoma school to use in their radio class.

ELECTIONS: Nominations for next years officers and board were presented. Mike, WB7DFQ, read the following list of nominees: President - Roger Terwilliger, WA7ANJ. Vice President - David Dodd, WB7AUJ, and Alan Hughes, KB7SVU. Secretary - Alan Allen, N7EAY. Treasurer - Shirley Murphy, N7QHW. Board - Al Burleson, K7HW, Morel Guyot, W6LIX, Tressie Hughes, KC7BAL, Bill Shimmin, W7GBC, and Lou Simmons, KB7WDB.

GOOD OF THE ORDER: Shirley, N7QHW, said thanks to Mick Pier, KC7TVM, for taking the Tuesday net on such short notice. Shirley also said the Club Jackets have been ordered and should be in by the next regular meeting.

The meeting was recessed at 8:30 PM until the next regular meeting on October 22nd.

Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

RADIO CLUB OF TACOMA DUES RENEWAL FORM

RCT BYLAWS SECTION TWO - MEMBERSHIP FEES AND ASSESSMENTS

(B) DUE DATE. Membership shall commence with the tender of a properly completed application and appropriate fee to any o officer. Annual membership dues will be paid in advance, in total on or before December 31 of each year. Renewal notice may provided in the club newsletter. Dues not received by March 31 of the current membership year shall be considered in arrears which point membership and all rights and privileges therein will be terminated without further notice.

In order for our records to be as accurate as possible, please fill in the following informati even if you feel there is nothing different for you that we may already have on record.

MEMBERSHIP TYPE: FULL [ ] SENIOR [ ] ASSOCIATE [ ] STUDENT [ ]

NAME________________________________ CALL______________

ADDRESS____

CITY____________________ STATE______ ZIPCODE + 4______________

E-MAIL ADDRESS____

TELEPHONE(PLEASE INCLUDE AREA CODE)______________________

ARRL MEMBER [ ] YES [ ] NO LICENSE CLASS______________

[ ] FAMILY MEMBER:

NAME________________________________ CALL______________

LICENSE CLASS____________________

NAME________________________________ CALL______________

LICENSE CLASS____________________

NAME________________________________ CALL______________

LICENSE CLASS____________________

FULL(regular membership for licensed amateurs)	$20.00
SENIOR(65 YEARS OR OVER)	$16.00
FAMILY(spouses and dependents living in same household as full member)	$4.00 per person
ASSOCIATE(interested persons not licensed as an amateur--has no vote)	$20.00
STUDENT(available to Full or Associate up to age 25 attending school full time)	$10.00
LIFE(available to Full or Associate or Family members--dues are 20 times the appropriate membership fee--see bylaws for further payment options)	$400.00(full or associate) $80.00(per family member)

> Send completed form with payment to Radio Club of Tacoma P.O. Box 11188
> Tacoma WA 98411-0188 or bring to any meeting and give to the club Treasurer.

Please indicate your areas of interest for each activity listed by marking an x on the line provided

________HF SSB
________HF CW
________HF Mobile
________SSTV
________ATV
________Construction
________QRP
________VHF/UHF SSB
________VHF/UHF CW
________VHF FM Mobile
________UHF FM Mobile
________Antennas
________Traffic Handling
________ARES/RACES
________DX
________Computers
________RTTY
________Facsimile
________Teaching
________Field Day
________Being an Elmer
________Contesting
________Certificates
________Satellites
________VHF/UHF Packet
________HF Packet
________EME (Moonbounce)

I would be interested in helping on one or more of the following club committees:

[ ] Packet
[ ] Flea Market
[ ] Field Day
[ ] RFI/TVI
[ ] Bark Mailing
[ ] Repeater
[ ] Teaching/Training
[ ] Antennas
[ ] Scholarship
[ ] Social Activities
[ ] Contest
[ ] Museum
[ ] Computer
[ ] Long Range Planning
[ ] VE Testing
[ ] Emergency Communications
[ ] Clubhouse Facilities
[ ] Club HF Station
[ ] WWA Puyallup Fair Booth
[ ] Legal Concerns

FEEL FREE TO MAKE ADDITIONAL COMMENTS ON THE BACK OF THIS FORM

12/97

DEC
1997

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma WA 98411

NON PROFIT ORG.
U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

ADDRESS CORRECTION REQUESTED

COMING EVENTS

DEC 3 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

DEC 5 - 7 - ARRL 160-meter Contest

DEC 6 - Pinochle Potluck - 7 PM at the Clubhouse

DEC 9 - License Exams - 7 PM - Clubhouse

DEC 10 - Club Meeting - Lakewood Library, 7:30 PM

DEC 13 - CHRISTMAS AND AWARDS POTLUCK, 6-8:30 PM TACID Bldg

DEC 13 - 14 - ARRL 10-meter Contest

DEC 15 - BARK deadline (Early is OK! On time is better than not at all.)

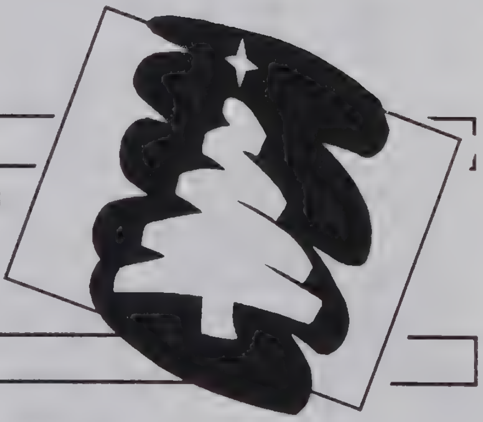
***DEC 24 - Christmas Eve* - No meeting. Enjoy your families.**

DEC 25 - MERRY CHRISTMAS!

DEC 29 - Ladies Pinochle - Noon at the Clubhouse

DEC 31 - ARRL Straight Key Night

JAN 1, 1998 - HAPPY NEW YEAR!

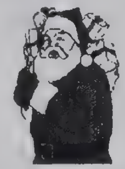
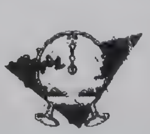


Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.

CHRISTMAS BLESSINGS!

December 1997

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 *ALVIN KA7BRT	2 7:30 PM RCT NET 147.28R *GORDON N7TEW	3 **7:30 PM RCT BOARD MTG** *HAL W7EC *ROBERT N7TLV	4 *DUSTIN KC7EFA *JOSEPH KC7FF *THOMAS KE7SW	5 *LORA KC7JMN *RALPH KB7SWZ *RICH NE7T *ROY K7OGL **ARRL 160 METER CONTEST**	6 9:00 AM CLUBHOUSE OPEN HOUSE 6:00 PM PINOCHLE POTLUCK **ARRL 160 METER CONTEST**
7 **18 SHOPPING DAYS LEFT TILL XMAS** **ARRL 160 METER CONTEST**	8 *CHARLIE KC7DCY	9 **7:00 PM RCT LICENSE EXAMS** 7:30 PM RCT NET 147.28R *A J KC7OKV	10 **7:30 PM RCT GENERAL MEETING LAKEWOOD LIBRARY**	11	12 *LEONARD KB7NEM	13 9:00 AM CLUBHOUSE OPEN HOUSE **ARRL 10 METER CONTEST** **FULL MOON**
14 *BILL KJ7KT **ARRL 10 METER CONTEST**	15 *ED KC7FLR *JACK WA7ENB *JIM KC7RWA *MEL N7FIR **BARK DEADLINE**	16 **7:00 PM MVWS EXAMS** VE 7:30 PM RCT NET 147.28R *BOB WB7QCS *DANNY KC7CUQ *JERRY W7BUN *KEN KB7UXT *ROBERT KC7PLH	17 *DUANE KC7OKP *KEN KC7UHG *REX W7NP *ROBERT WF7T	18 *DOUG AJ7Y *ROBERT KC8AZ	19 *JESSIE KC7QKY *MARILYN KB7PCT	20 9:00 AM CLUBHOUSE OPEN HOUSE *GLENN KC7IBV
21 **WINTER SOLSTICE** 	22 12:00 PM CLUBHOUSE LADIES PINOCHLE *MARK KB7PKD	23 7:30 PM RCT NET 147.28R *DAVID WB7AUJ	24  **HAPPY XMAS EVE TO ALL**	25 *JAKE KK7CI *JOHN(MAC) W7MSR *RIC N7UFB **HAPPY HOLIDAYS**	26 *ZAC KC7AZO	27 9:00 AM CLUBHOUSE OPEN HOUSE
28 *BILL W7IJ *CHUCK KA7HJN *JACK K7SRU	29 *JAMES KF7FB **NEW MOON**	30 7:30 PM RCT NET 147.28R *FRANK W7DWW	31  **HAPPY NEW YEAR'S EVE**			

November 1997

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

January 1998

S	M	T	W	T	F	S
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4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

THE LOGGER'S BARK

RADIO CLUB W7DK OF TACOMA

VOL. XXXIV NR. 12 W7DK DECEMBER 1997

▶ *CHANGES!* **Dec. 10 Meeting at Lakewood Library - Dec. 24 NO MEETING**

FROM THE PRESIDENT

WB7DFQ

Well, this is it! The last time I write to you as president of the Radio Club of Tacoma. I wish that I had something really profound to say, but I can't come up with anything. I do want to take this opportunity to thank each and every one of you who have supported me during the last two years. I wish that I could mention each one of you here, by name, but there isn't enough space in the Bark for that. Also, I might leave someone out and that just wouldn't do. At the annual Christmas awards potluck, I will recognize some of those who have made special contributions to the Radio Club during this past year. Plan on attending so you can help me give these persons the recognition that they so richly deserve.

Congratulations to the new officers. They have a challenge ahead of them. The face of amateur radio is changing and the Radio Club needs to reflect that change. I am sure that Roger, WA7ANJ, and the rest will rise to the occasion and lead the Radio Club into the next century. It is a tough job so please give them all of the support they need to be successful. Several important committee chairmanship positions will need to be filled soon. If you are asked to serve, please give it careful consideration.

As I mentioned at the last meeting, the Pierce County Amateur Radio Emergency Services(ARES) organization could use our help. If you a currently a member of ARES consider becoming more active and if you aren't a member, see Alan, KB7SVU, or Shirley, N7QHW, about joining. Emergency services are one of the major reasons amateur radio is allowed to exist and we owe it ourselves to lend support to this activity.

Don't forget the Christmas awards potluck on December 13th.

"Adieu, Adieu, remember me!"

73, Mike, WB7DFQ

▶ **TEEN CHAT NET** - Page 4

▶ **ARRL NEWS** - Page 7

▶ **SAILING HAMS** - Page 5

▶ **NO CODE TECH CLASS** - Page 11

DUES! DUES! DUES! DUES! DUES! DUES!

Dues are in arrears if you have not paid by December 31 of each year. Dues can be mailed to the Radio Club of Tacoma at P O Box 11188, Tacoma, WA 98411 or pay them in person at any club meeting to the club Treasurer.

There is a Dues Renewal Form later in this issue of the Bark (page 12). When you renew, please fill out the form and include it with your dues payment so our records can be as up to date as possible. Thank you very much.

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will not forward Third Class Bulk Mail.

RADIO CLUB OF TACOMA -- 1997

PRESIDENT	MIKE CRAWFORD	WB7DFQ	531-4789
V PRESIDENT	BILL SHIMMIN	W7GBC	584-1086
SECRETARY	CARL GLIMPSE	N7UDP	845-7966
TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
BOARD (5)	LOU SIMMONS	KB7WDB	847-5124
	MARILYN OLSON	KJ7BN	845-8346
	DAN KELLY	N7QWH	535-2622
	ALAN HUGHES	KB7SVU	840-4947
	JERRY SELIGMAN	W7BUN	845-7652
LOGGER'S BARK STAFF			
EDITOR	KATHLEEN NACE	NØEYK	445-4380
REPORTERS	SHIRLEY MURPHY	N7QHW	265-3661
	MIKE CRAWFORD	WB7DFQ	531-4789
	ROGER NACE	K8RN	445-4380
	DICK RYAN	W7RGD	627-0922
	MIKE TREIT	KB7QOP	549-2399
	JERRY SELIGMAN	W7BUN	845-7652
PHOTOGRAPHER	STAN WARBURTON	N7KMF	535-6015
PROOFREADERS	SALLY CRAWFORD	KB7PKJ	531-4789
	JERRY SELIGMAN	W7BUN	845-7652
COMPOSITOR	KATHLEEN NACE	NØEYK	445-4380
PUBLISHER	W7DK PRESS	N7QHW	265-3661

◆ ◆ ◆

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. Modem or mail all articles to Kathleen Nace, NØEYK, 6906 52nd St. Ct. E. #81, Puyallup, WA 98371 or e-mail: kathleen@excell.com. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

***THE LOGGER'S BARK*, OFFICIAL PUBLICATION OF THE RADIO CLUB OF TACOMA, IS PUBLISHED MONTHLY BY W7DK PRESS, PO BOX 11188 TACOMA, WA 98411. THE PUBLICATION IS MAILED FROM TACOMA, WA, 98411 UNDER 3rd CLASS BULK, NON-PROFIT ORGANIZATION, US. POSTAGE PAID TACOMA, WA. PERMIT #1078.**

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma
147.28 / .88 MHz **144.97 - Packet**
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

New Members

Jonathan P(John) Robbins, Call Pending RCT # 1984
1033 E Main Ave #19
Puyallup WA 98372-3126 253-207-7659

Bill Pearson, KC7ZJA RCT # 1985
941 S Sheridan Ave
Tacoma WA 98405-3633 253-272-3587

Kenneth(Ken) V Shattock , KC7ZJC RCT # 1986
1911 SW Campus Dr #482
Federal Way WA 98023-6441 253-874-1860

David J Casey, N6WLE RCT # 1987
2602 SW 343rd St
Federal Way, WA 98023-7600 253-874-2927

Alton V Churchill, KC7YGC RCT # 1988
725 190th St
Spanaway, WA 98387-8377 253-847-3219

Michael C Coxon, KC7ZIX RCT # 1989
17519 SE May Valley Rd
Renton, WA 98059-5319 425-255-8300

Reinstatements

Ronald Lee Chudy Sr., WA7UQV
3324 N 7th St
Tacoma WA 98406-5908 253-752-7817

Martha Box, N7GUE
SE 171 Sunrise Dr
Shelton WA 98584-9285 360-426-7869

Address/Phone Changes/Corrections

Del Chase, KB7PKI
6351 Mae Valley Rd NE
Moses Lake WA 98837-9177 Phone Unknown

Gene Tice, W7ZZZ 253-863-3374

William E Drum, KJ7KT
1047 Clearwood
Yelm, WA 98597-9333 360-894-2372

Artur Sikora, KC7YED
3436 I St NE Apt N203
Auburn, WA 98002-2301 Phone Unknown

Rich Armstrong, NE7T
Change Zipcode to 98375-7625

New Calls/Upgrades

Gene Rivers was N7CKA - now K7DVM , Extra Class

Lynn Pochert was WB7ORM - now W7ORM

Silent Keys

Don Murphy, W7DBM (old call N7AEJ)

PINOCHLE

2 gatherings each month

Pinochle & Potluck - 7PM
1st Saturday of the Month
Ladies Pinochle - 12 Noon
4th Monday of the Month
Both gatherings at the Clubhouse.

Your Ad Could Be Here!

Call, Shirley, N7QHW at (253)265-3661 for info.

SECOND BYTE
NEW & USED MS-DOS COMPUTERS
ACCESSORIES, PERIPHERALS, AND UPGRADES
N7ARO
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642 NE Woods Ct.
Bremerton, WA 98311
Voice/Fax: (360) 479-2619
E-mail: 2ndbyte@kendaco.telebyte.com

ACCIDENT & BODILY INJURY
LAW OFFICES OF
DOUGLAS K. SMITH, P.S.
(206) 471-1000
(800) 585-8500
AJ7Y

DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409

▶▶▶ ADDRESS CHANGES ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to the club treasurer at any club meeting.

Editor's Notes

de NØEYK

E-Mail address:
NØEYK@excell.com

CHRISTMAS BLESSINGS!

As we close out 1997, please remember to thank those officers and others who worked hard for you as the Radio Club of Tacoma. Congratulations to the new officers and board members! We, the membership, will work with you in the coming year.

I hope that many of you will attend the Christmas Potluck and Awards event on December 13th.

May your holidays be joyous and blessed!

See you in1998! 73, Kathleen

SCHEDULE YOUR SWAPMEET VISIT IN 1998!

Feb. 21 Salem Hamfair, Rickreall, OR
March 7 Mike and Key Fleamarket, Puyallup, WA
March 28 Eugene Hamfest, Eugene, OR
May 29-31 SeaPac, Seaside, OR

LOCATION CHANGE

Maple Valley Wireless-Society testing now at **Maple Valley Fire Station, located at 22225 SE 231st St in Maple Valley.**

AMATEUR RADIO Friendships around the world!

Radio Club of Tacoma License Exams

DECEMBER 9 , 1997

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: RCT for $6.25. For information call:
Shirley Murphy, N7QHW at 253-265-3661

▶ *CHANGES!* **Dec. 10 Meeting at Lakewood Library - Dec. 24 NO MEETING**

ARES/RACES

The following short piece was published in the September 1997 issue of SCARS NEWS (Shasta Cascade Amateur Radio Society) and was by Jerry Boyd, K6BZ, Section Emergency Coordinator Sacramento Valley Section-ARRL. It makes a lot of sense and I sure would like to see our Radio Club members be more involved than they currently are. It would help the leadership of ARES/RACES a great deal if you would let them know what you can do for them. Names and numbers at the end of this article.

EMERGENCY COMMUNICATIONS
PART ONE: The Amateur Radio Emergency Service--WHY?

Amateur Radio is a wonderful hobby. However, because of the limited radio frequency spectrum available, increasing needs for frequencies, the federal government's desire to generate revenue from spectrum auctions, and other factors our hobby is threatened. Add to the issues just mentioned the fact that growth in the cellular and PCS (personal communications service) services are requiring the erection of tens of thousands of antenna structures across the country. The effect of that is a growing resistance to antennas--ALL antennas, including amateur--by cities and counties in every state in the union. What does this have to do with amateur radio emergency communications? It's simple. If we are to retain our frequencies and our right to erect reasonable antennas and support structures we need public and "official" (government) support. The very best way to achieve that support is for amateur radio to continue to do what it has done since the beginning of our radio---provide emergency and disaster commnications.

Yes, we should provide such communications because it is the decent and humane thing to do. And, even if we didn't need to be involved in this arena for the sake of amateur radio's future we should do it. But in today's society if we don't provide this type of communications which the public appreciates and elected/appointed officials with their limited budgets are grateful for, our hobby's future is in jeopardy.

So, if you agree with my contention that amateur radio emergency communication is in our best interests, "stay tuned" for future articles in this series. Regardless of your age, license class, or how much equipment you have or don't have there's an Amateur Radio Emergency Service role for you. Next month we'll discuss how to get involved. 73 Jerry

Some good food for thought in that short piece and it seems appropriate that we take a good look at where we are and where are we going and how can each one of us help.

N7QHW

Remember, check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan, Bob or Shirley (info at the end of the article).

Also, find out which Fire District and Fire Zone you are in and let us know.

Volunteers are still needed for manager positions, contact Alan or Bob to volunteer. Alan and Bob are still looking for a volunteer to manage the Public Service Events for ARES so please consider volunteering and giving a hand.

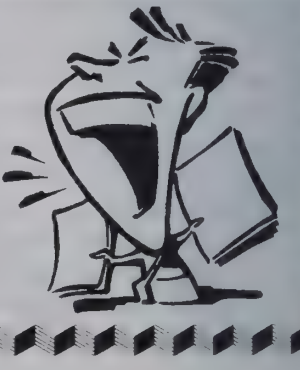
If you have not joined ARES/RACES and would like to, contact Alan, KB7SVU, ARES Emergency Coordinator, at 253-840-4947 or Bob, KB7NBQ, RACES Radio Officer at 253-875-0577 or see Shirley, N7QHW, at any Radio Club of Tacoma meeting for an application.

73 Shirley, N7QHW

CALLING ALL TEENS!! CALLING ALL TEENS!!

There will be a weekly net on the 147.28 MHz W7DK repeater each Sunday at 7:30 PM. Net controls will be none other than Christel, KC7UFL, Daniel Nelson, KC7MNY, and Jonathan Hill, KC7VUQ. Everyone under the age of 18 is welcome. It will be a chat mode type net and should be a lot of fun!

REMEMBER, EACH SUNDAY AT 7:30 PM
ON 147.28 W7DK REPEATER.
TUNE INTO THE RADIO CLUB OF TACOMA TEEN NET.



SAILING WITH HAM RADIO

de Marilyn Thordarson, KB7PCT, via CompuServe

November 12, 1997 - Using HAM on the High Seas

We left Tacoma August 23 aboard our 40' sailboat, Circe, bound for Mexico. Our first scheduled stop was in Neah Bay to top off the fuel tanks. Weather held us there for four days before we could continue our journey. But we were able to keep in touch with the folks back home through the Whiskey net. Every night at 2100 I would tune in and be able to talk to either Tom, N7QHX, and Shirley, N7QHW, Worth, W7WG, Morrell, W6LIX, Mack, W6NBD. Tom and Shirley have been great at relaying messages for us and letting our non-HAM family and friends know of our whereabouts. When we were out of reach of the Tacoma people, I could always reach someone in California, Oregon, Montana or Arizona who would relay info for me.

When we finally left Neah Bay, we journeyed south in light southerlies. This meant motor sailing into the wind. Since we didn't want to risk running low on fuel, we decided it would be a good idea to poke into Coos Bay and fill up with diesel before heading on south to San Francisco. That morning on the Port Ludlow Boating Net, 3.865 at 0830 (while miles at sea) I met Al, N7KLD who lives in Charleston near Coos Bay. We met at noon on 3.865 and agreed to meet on 2 meters, 147.57, at 1700. By this time we still weren't across the bar and we were concerned that the fuel station would be closing. While I was talking to Al, he called the fuel dock and they agreed to stay open until we arrived. Al also took a brief shopping list over the air and met us at the dock with our groceries in hand including a newspaper, corn on the cob and a couple of melons. We were back across the bar in less than 90 minutes!

Through the Whiskey net we were able to keep track of friends from Tacoma who were just ahead of us. And finally met up with them in San Francisco. We've temporarily lost them again, but I'm sure Murphy will help us locate them again.

When I was having trouble with my computer, I was able to get immediate answers from Carlos, KB6WBD in Lakeside, MT on the Whiskey net! Since we use the computer for our navigational charts, his support was critical and much appreciated.

It was also through the Whiskey net that we first earned about Hurricanes Linda and Mike. Since that got our attention, we began listening to the California net at 7.238 at 0800. Received info on these as well as Hurricane Nora. Though they ended up not being a threat to us, there was a time when we thought they might raise some havoc with our plans.

As we journeyed along the coast, we stopped in various ports and enjoyed the scenery. We went in to Morro Bay, a beautiful little village on the California coast to refuel. (We like to keep the diesel tanks full so that we're prepared.) We were planning to stay but heard that a storm was coming and that it would be advisable to get around Pt. Conception (Cape Horn of the Pacific) right away. We had friends that were planning to meet us in Santa Barbara that weekend IF we made it that far. Since we didn't have time to go ashore and call them, I got on the radio and found a net and heard Ken, W7HRY, in Olympia. We talked and I asked him if he minded calling our friends in Gig Harbor even though it was long distance from Olympia. He was happy to do so and our friends were able to get a flight and meet us in Santa Barbara. Since this gentlemen was in Olympia, I also asked him if he would call some good friends of ours there in Olympia and just tell them where we were and where we were headed. He reached their answering machine but left a message. The next morning when we got into Santa Barbara, friends of our Olympia friends who live in Santa Barbara were on the dock to greet us and that was a pleasant surprise. And we also got to see our Gig Harbor friends on the weekend.

Since then, we've mosied down the coast, reaching Cabo San Lucas, Mexico at the tip of the Baja peninsula the first part of November.

I've tried to relate to you all the ways the HAM has been helpful to us on our journey so far. What I haven't mentioned and want to emphasize is the wonderful conversations we've had with all the different people on the Whiskey net. We've made some wonderful friends and enjoy learning more about them and they seem interested in our trip.

I'm still working on an Internet connection through the HAM. I've got all the hardware but just need to take the time to figure out how to make the connection. Trying to use the Mexican phone system to connect to CompuServe should be an incentive to get this figured out.

Hope you've enjoyed hearing how the HAM has been useful to us. More next month. XE2/KB7PCT

CHRISTMAS POTLUCK

& AWARDS BANQUET

The Christmas Potluck and annual Awards Banquet will be held on Saturday, December 13th, from 6:00 to 8:30 PM at the T.A.C.I.D. building located near TCC on 19th. If you have not let Dawn, KC7VZM, our coordinator this year, know that you are coming and what potluck dish you are planning to bring, please give her a call @ (253)847-8223. This is a great chance to catch up with friends, swap the latest ham radio tales, and to honor those who work for the club throughout the year! Hope to see you there!

Upgrade Classes

Classes are being formed for upgrading to Advanced and Amateur Extra Class. Classes are planned for Monday or Thursday evenings from 7PM to 9:30PM for 5 or 6 weeks. Call Jerry, W7BUN, at 253-845-7652 for details or to register.

NOTICE

The Maple Valley Wireless Society testing* program will move, effectively immediately, to the *Maple Valley Fire Station, 22225 SE 231st St in Maple Valley.

Amateur Radio Exams

in the Puget Sound Region as of May, 1996

1st Thursday - 7 PM - Helen Keller Elementary School 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, **Kent** - Contact Burt Mendez, KB7ZCW, 824-2785, Seattle

2nd Tuesday - 6:30 PM - **Everett** - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clubhouse - Contact Shirley Murphy, N7QHW, 265-3661

2nd & 4th Thursdays - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Good Neighbor Center 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave - next session - September 21 - Contact Nick Bender NX7W, 249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned by Roger, K8RN, from ARRL sources on the Internet.

W7BUN

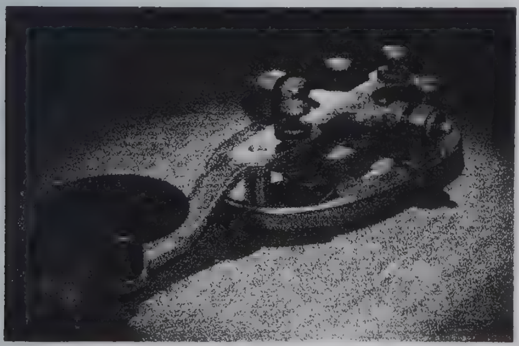
TAUZIN SAYS "WE HEAR YOU" TO AMATEURS, SCANNER FANS

Hams, scanner enthusiasts and others are breathing a tentative sigh of relief this week. Their efforts apparently have paid off to convinc House Telecommunications Subcommittee Chairman W. J. "Billy" Tauzin (R-La) that HR 2369, the Wireless Privacy Enhancement Act of 1997, was flawed legislation. Tauzin's so-called "scanner bill" has been rewritten to reflect the concerns of hams, volunteer firefighters, scanner enthusiasts and others.

(Personal comment: ANY restriction of what people may listen to on the radio waves is absolutely wrong! Encryption technology is inexpensive and easy to implement. If services wants to keep their communications private, they should do so via the power of technology, not the power of law. I would appreciate it if you would watch HR 2369 and write to your congressman when the debate on this bill starts. Roger, K8RN)

WRC-97 NEWS

Late word from the ITU's 1997 World Radiocommunication Conference in Geneva is that Article S25 of the international radio regulations might not end up on the agenda for the WRC-99 after all. A working group of WRC-97 delegates compiling the agenda for WRC-99 decided to recommend that the matter be held over until 2001 because of a long list of other items vying for inclusion on the WRC-99 agenda. Article S25 contains the international radio regulations that are specific to the Amateur and Amateur-Satellite Services, including the Morse code requirement for operation below 30 MHz. The decision to postpone will be made later.



Little LEO interests have had a difficult time at WRC-97. While nothing is firm, the conference appears to be moving toward agreement that the segments 146 to 148, 170 to 230, and 406.1 to 430 MHz are not open for consideration for Little LEO allocations at this time.

A compromise proposal from The Netherlands for a secondary allocation at 432 to 438 MHz for the Earth Exploration Satellite Service failed to gain sufficient support for adoption.

Wind profiler radar issues appear to be close to resolution, with amateur satellite segments protected from being mentioned as appropriate for wind profiler operations.

FCC OPENS VANITY GATE 4!

Christmas will arrive a bit early for General, Technician Plus, Technician and Novice Class hams. The FCC has announced that vanity call sign program Gate 4--the last vanity gate--will open December 2, 1997, for General, Tech Plus, Technician and Novice class hams to request a vanity call sign on or after that date.

FCC SETS RF SAFETY EVALUATION THRESHOLD FOR REPEATERS

The FCC has released an erratum to its RF safety rules that sets 500 W ERP as the limit for most amateur repeaters before a routine RF safety evaluation would be required. This applies to repeater systems on all bands. A routine RF safety evaluation would be required for all repeater systems with more than 500 W ERP and having either (1) a building-mounted antenna or (2) a non-building-mounted antenna with a height of less than 10 meters above ground level to lowest point of the antenna.

THANK you

I thought I would write a quick thank you to everyone who sent well wishes and get well cards for my recent surgery. The thoughts did a lot to calm me down as I was heading into the surgical area, and again when I awoke from the stupor they had me in. It was nice to think about something else besides what had just happened. Also, many thanks go out to those who offered help to Sue during this time, it was greatly appreciated, and allowed the day to be somewhat normal.

Well, on the 14th, I headed home and now I am in home recovery mode and trying to get back to normal. The doctor said everything went well and I should be back up in no time. And I hope the catch everyone around sometime soon.

There are many names to mention and I don't want to forget anyone of them but, for me a special thanks goes to Shirley and Tom Murphy for all the last minute advise and to Judy Kirkreit for helping out Sue. There are many more folks, and I hope to thank you all personally. If I don't catch you on the air or in person, I'll see you all in the Sound to Narrows in June.

73 de Val Baldwin,
N7VGO

$325 takes **digital station** complete with IBM computer. Excellent condition with tech manuals, spare printer tapes. All you need to add is the radio.

Heath SB 201 - 1 kw amp. Excellent condition. $350

Bought in 1983 for $528
Built in 1988
Used 10 hrs. CW/SSB 1988/1992
Used 11 hrs. digital modes 1992/1993

Since 1954, I have successfully built over 40 Heath ham radio kits!

Rich, NE7T @ (253)537-3989

ARRL
RADIO CLUB OF TACOMA
W7DK

CHECK IT OUT!

RCT Web Page:
www.mashell.com/~roblee/rct.htm

HOLIDAY APPEAL

Christmas time is a very special time of year. It is a time when we not only receive gifts, but it is our chance to give as well. You all know me as Chuck Benefiel, N7STR, President of the Mike and Key Amateur Radio Club, but before I was ever a Ham, I was associated with "The Gene (The Highway Hero) Cantrell Xmas Dinner" for the homeless and underprivileged. For the past 8 years we have averaged approximately 600 or more dinners served on Xmas day at the Tacoma Convention Center in conjunction with the Sheraton Hotel and distributed toys and clothing along with Peggy's Cinnamon Rolls, The Cimmaron Restaurant, The Inn at Gig Harbor, West One Bank, U S West Bank, Emergency Food Network, many local churches, Hyatt Pontiac, and the radio stations that Gene has been affiliated with.

Now I know what is going through your mind. He's going to hit us up for money. Well, you're wrong. Last year we had a tremendous need for blankets, heavy jackets, heavy shirts, gloves, heavy socks, and warm infants clothing. Quite frankly we didn't have enough. In fact when it came to infants clothes, we had very little. I am soliciting the Ham community in the hopes of having you search your closets, drawers, and storage areas to secure some donations of the aforementioned clothing items. I would like you to bring them to your Christmas Party where I will be glad to pick them up and store them until our event takes place on Christmas Morning. We need clean clothing that is in good condition. If you have any back packs, used toys or stuffed animals (and again, I emphasize in good clean condition),we can use them too.

I thank you for your interest, and I look forward to a positive response from the Ham community. Please direct your questions to Chuck Benefiel, <cbenefiel@sprynet.com>, or by phone to 253 - 312-5341.

MINUTES

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING
OCTOBER 22, 1997

The Radio Club of Tacoma, regular meeting was called to order at 7:30 PM by Mike Crawford, WB7DFQ, Following the pledge of allegiance led by Sally, KB7PKJ, and introductions, the club congratulated Clive Tobin, who should have his call sign by the next meeting.

TREASURER'S REPORT:

Treasurer's report is approved as published.

General Fund Checking 10/22/97	$713.44
Repeater Fund Checking	346.01
Packet Fund Checking	372.57
License Classes	309.42
Scholarship Working Fund	700.00
Flea Market Checking	500.00
Wash Mut Financial Services	114,423.32
Scholarship Memorial Fund	2,796.31
Total All Accounts	$20,161.07

Paid memberships to date are 457.

CORRESPONDENCE: The Club received a "Thank You" note from Judy Kirkreit, AJ7R, thanking the club members for all the support during her time of need. RCT also received a letter from Robert Lyons, KB7GTE, who is looking for some type of short wave radio. The letter was read to the members present and will be posted on the bulletin board at the club house. If anyone can help him, please call him at 472-8111.

HEALTH AND WELFARE: Shirley, N7QHW, said Val Baldwin, N7VGO, is going in for bypass surgery on November 4th, at Tacoma General.

MEMBERSHIP & TRAINING: Bill, W7GBC, said the concentrated no code tech class will be on November 8th & 9th at the club house. The cost is $10, and is limited to the first 25 people. Jerry, W7BUN, is also teaching a radio trouble shooting class.

PROGRAM: Bill, W7GBC, introduced tonight's program on RF radiation limitations. Al, K7HW, prepared a handbook on the topic, which he teaches in the concentrated class, and distributed them to all members present. Al, K7HW, explained how these emission rules came to be, and what amateurs will have to do to be in compliance with the new rules, which takes effect on January 1,1998. For those who were not present, a copy may be obtained from Al, K7HW, or Bill, W7GBC. This is important data, and will effect all amateurs who renew their license after September 1, 2000. There is a place in Texas which will provide amateurs with a certificate showing that their station is in compliance. (if it is) Their address can be found on RCT's web page. If you do not have access to the internet, you can use the club's computer. There are also articles in the 1997, January and November issues of QST.

COMMITTEE REPORTS:

ARES: Shirley, N7QHW, said there will be a meeting at the club house on Saturday, November 22nd. There will be an antenna party, building twin lead J-pole antennas for emergency use. They will also be nominating officers for next year.

BARK: Nora, KC7JME, said the bark party will be at the club house on Tuesday the 28th at 10:00 AM.

CHRISTMAS POTLUCK & AWARDS BANQUET: Nora, KB7JME, said you should bring a hot dish, or salad. The event will be held at the T.A.C.I.D. building. It is set for Saturday the 13th of December from 6:00 to 8:30p.m. The building is located at 6315 S 19th St in Tacoma.

TUNING AND TRAFFIC: It was reported that DX in general is good.

GOOD OF THE ORDER: Shirley, N7QHW, said the Club Jackets are in, and she is now accepting orders for the next batch of 12. Club Jackets can be ordered through Shirley (253-265-3661). The price for Small through X Large is $36, XX Large is $40, and XXX Large is $43.

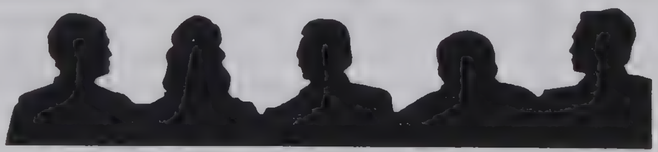
Attendance: 42

The meeting was adjourned at 8:20 PM.

Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

BLESSED
HOLIDAYS
TO ALL

SPECIAL
SERVICE
CLUB
ARRL



RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
NOVEMBER 5, 1997

The Radio Club of Tacoma Board meeting was called to order at 7:30 PM by President Mike Crawford, WB7DFQ, other club officers present were Shirley Murphy, N7QHW, and Vice President Bill Shimmin, W7GBC, with board members Alan Hughes, KB7SVU, Marilyn Olson, KJ7BN, and Lou Simmons, KB7WDB, and Jerry Seligman, W7BUN, representing a quorum. Guests present were Al, K7HW, Roger, K8RN, Roger, WA7ANJ, and Alan, N7EAY.

TREASURER'S REPORT:
Treasurer's report is approved.

General Fund Checking	$729.19
Repeater Fund Checking	346.01
Packet Fund Checking	372.57
License Classes	263.89
Scholarship Working Fund	700.00
Flea Market Checking	500.00
Money Market Savings	14,423.32
Scholarship Memorial Fund	2,796.31
Available Cash	14.69
Total All Accounts	$20,145.98

Paid membership to date is 457.

CORRESPONDENCE: The club received a thank you letters from Bill Pearson, KC7ZJA, and Ken Shattock, KC7ZJC, commending the instructors of the "no-code tech class" for the great job they do. Both Bill and Ken got their tickets as a result of the October training class. There was also a thank you letter from ARRL, acknowledging RCT's contribution to their Educational Activities Fund, towards the reprinting of "Archie Comic Books".

COMMITTEE REPORTS:

MEMBERSHIP & TRAINING: Bill, W7GBC, said the next concentrated No-code Tech Class will be on November the 8th & 9th at the club house.

CLUB HOUSE: Lou, KB7WDB, said everything on the garage is finished except some painting. Lou is procuring lumber and other material to work on the front porch and gutters. He has already jacked up the front porch area to ensure safety.

BARK: The 15th of the month is still the deadline for articles, but early is better.

ARES/RACES: Alan, KB7SVU, said they would like to hold their meeting at the club house on the 22nd of November. He said they will be building emergency J-pole antennas. Alan, said there needs to be interest generated in participating in ARES, if the Clubs involvement is to continue.

NEW BUSINESS: Problems with access to the repeater sight on Spar Pole Hill was discussed, but no solution was reached. Bill, W7GBC, moved that dues remain the same for next year. Jerry, W7BUN, seconded the motion, it was voted on and passed. Shirley, N7QHW, moved that club purchase a new 6' step ladder to replace the unsafe one we have now. Lou, KB7WDB, seconded the motion, it was voted on and passed.

Shirley, N7QHW, requested Roger, K8RN, be appointed as Assistant Treasurer for next year.

Jerry, W7BUN, started a discussion on how to track club equipment. There were several ideas, but the final method of tracking club equipment will be left up to the equipment custodian.

Shirley, N7QHW, will send the Antique Radio Magazine to Worth, W7WG, for now, and will pay for it when billed.

Roger, WA7ANJ, asked for funds to be set aside for use by the high school. Marilyn, KJ7BN, made the motion to provide $50.00 for use by the school. The 2nd was by Jerry, W7BUN, the motion carried.

Mike, WB7DFQ, suggested trying to get a group of amateurs, from RCT, to answer phones for PBS fund drives. If we can get at least 5 people to answer phones, the station will acknowledge our club on the air. Mike is going to pursue this idea.

Jerry, W7BUN, has some historical material on film and video (like the 1950's field day) and is looking for someplace to store it.

Alan, KB7SVU, suggested that some type of award be made in honor of K7YLM. Jerry, W7BUN, will work up some type of Jim Kirkreit Technical Achievement Award.

The meeting was adjourned at 8:33 PM.

Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

DUES RENEWAL

RADIO CLUB OF TACOMA
W7DK
ARRL
RADIO CLUB OF TACOMA
W7DK

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING
NOVEMBER 12, 1997

The Radio Club of Tacoma, regular meeting was called t order at 7:30 PM by Mike Crawford, WB7DFQ, Followin the pledge of allegiance and introductions the club welcomed 2 visitors and new member Clive, KC7ZLF.

TREASURER'S REPORT:
Treasurer's report is approved.

General Fund Checking	$729.19
Repeater Fund Checking	346.01
Packet Fund Checking	372.57
License Classes	263.89
Scholarship Working Fund	700.00
Flea Market Checking	500.00
Money Market Savings	14,423.32
Scholarship Memorial Fund	2,796.31
Available Cash	14.69
Total All Accounts	$20,145.98

Paid memberships to date is 457.

HEALTH & WELFARE: Val Baldwin, N7VGO, underwent double bypass surgery on Tuesday, November 11th, at Tacoma General. Val's wife Susan, KC7AVS, said he is expected to be released this Friday.

PROGRAM: The program tonight is the swap meet. Not much in the way of equipment was brought in, so, it will be mainly a gabfest to renew old friendships or make new ones.

COMMITTEE REPORTS:

MEMBERSHIP & TRAINING: Bill, W7GBC, said the concentrated no code tech class on November 8th & 9th was tested last night with considerable success. Jerry, W7BUN, is also looking for sign ups of General and Advanced classes.

ARES: Mike, WB7DFQ, reminded all, that on November 22nd there will be an ARES meeting at the club house. Everyone is invited to come and participate. This is a very important part of amateur radio, and the club hopes to become more involved.

CHRISTMAS POTLUCK & AWARDS BANQUET: Dawn, KC7VZM, announced the event will be held at the T.A.C.I.D. building. She would like to know how many people are planning to attend, and what kind of a pot luck dish they are bringing. It is set for Saturday, December 13th from 6:00 to 8:30 PM. If you have not had a chance to sign up, please contact Dawn (253-847-8223) and let her know if you are planning on attending.

TUNING AND TRAFFIC: Mike, WB7DFQ, said if you are working the sweepstakes this weekend, you can turn in your logs to RCT, and they will submit them with the clubs data.

GOOD OF THE ORDER: Mike, WB7DFQ, said the vote counters are counting the ballots, and results will be announced before adjourning.

Roger Terwilliger, WA7ANJ, said the school net is operating and would appreciate participation by answering CQ calls. Their call is KC7WIT and they are on from 3:30 to 4:15 on the 2nd and 4th Wednesday of the month. The frequency is 3806.

The elections results; President - Roger Terwilliger, WA7ANJ. Vice President - Alan Hughes, KB7SVU. Secretary - Alan Allen, N7EAY. Treasurer - Shirley Murphy, N7QHW. Board - Al Burleson, K7HW, Morel Guyot, W6LIX, Bill Shimmin, W7GBC, and Lou Simmons, KB7WDB.

Attendance: 57

The meeting was adjourned at 8:40 PM.

Respectfully Submitted,
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO CONTINUE RECEIVING YOUR BARK

ONE WEEKEND TECHNICIAN CLASS

RADIO CLUB OF TACOMA • FEB 7 & 8 • 9 AM - 5 PM

Come and Learn What You Need to Know!

Pass Your No-Code Technician Examination!

To Register Call:

Bill Shimmin 253-584-1086
or
Al Burleson 253-474-9023

Bring a Sack Lunch • Class Fee: $10 • Book Available: $19

RADIO CLUB OF TACOMA DUES RENEWAL FORM

RCT BYLAWS SECTION TWO - MEMBERSHIP FEES AND ASSESSMENTS

(B) DUE DATE. Membership shall commence with the tender of a properly completed application and appropriate fee to any officer. Annual membership dues will be paid in advance, in total on or before December 31 of each year. Renewal notice may provided in the club newsletter. Dues not received by March 31 of the current membership year shall be considered in arrear which point membership and all rights and privileges therein will be terminated without further notice.

In order for our records to be as accurate as possible, please fill in the following informat even if you feel there is nothing different for you that we may already have on record.

MEMBERSHIP TYPE: FULL ☐ SENIOR ☐ ASSOCIATE ☐ STUDENT ☐

NAME______________________________ CALL____________

ADDRESS____

CITY__________________ STATE______ ZIPCODE + 4____________

E-MAIL ADDRESS____________________________________

TELEPHONE(PLEASE INCLUDE AREA CODE)________________________

ARRL MEMBER ☐ YES ☐ NO LICENSE CLASS________________

☐ FAMILY MEMBER:

NAME______________________________ CALL____________
LICENSE CLASS____________________
NAME______________________________ CALL____________
LICENSE CLASS____________________
NAME______________________________ CALL____________
LICENSE CLASS____________________

==

FULL(regular membership for licensed amateurs)	$20.00
SENIOR(65 YEARS OR OVER)	$16.00
FAMILY(spouses and dependents living in same household as full member)	$4.00 per person
ASSOCIATE(interested persons not licensed as an amateur--has no vote)	$20.00
STUDENT(available to Full or Associate up to age 25 attending school full time)	$10.00
LIFE(available to Full or Associate or Family members--dues are 20 times the appropriate membership fee--see bylaws for further payment options)	$400.00(full or associate) $80.00(per family member)

Send completed form with payment to **Radio Club of Tacoma P.O. Box 11188 Tacoma WA 98411-0188** or bring to any meeting and give to the club Treasurer.

Please indicate your areas of interest for each activity listed by marking an x on the line provided

______HF SSB
______HF CW
______HF Mobile
______SSTV
______ATV
______Construction
______QRP
______VHF/UHF SSB
______VHF/UHF CW
______VHF FM Mobile
______UHF FM Mobile
______Antennas
______Traffic Handling
______ARES/RACES
______DX
______Computers
______RTTY
______Facsimile
______Teaching
______Field Day
______Being an Elmer
______Contesting
______Certificates
______Satellites
______VHF/UHF Packet
______HF Packet
______EME (Moonbounce)

I would be interested in helping on one or more of the following club committees:

☐ Packet
☐ Flea Market
☐ Field Day
☐ RFI/TVI
☐ Bark Mailing
☐ Repeater
☐ Teaching/Training
☐ Antennas
☐ Scholarship
☐ Social Activities
☐ Contest
☐ Museum
☐ Computer
☐ Long Range Planning
☐ VE Testing
☐ Emergency Communications
☐ Clubhouse Facilities
☐ Club HF Station
☐ WWA Puyallup Fair Booth
☐ Legal Concerns

FEEL FREE TO MAKE ADDITIONAL COMMENTS ON THE BACK OF THIS FORM

JAN
1998

1/98

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

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COMING EVENTS

JAN 3 - Pinochle Potluck - 7 PM at the Clubhouse

JAN 3 - 4 - ARRL RTTY Roundup

JAN 7- Board Meeting - Clubhouse, 7:30 PM - All members welcome.

JAN 9 - 11 - North American QSO Party, CW

JAN 13 - License Exams - 7 PM - Clubhouse

JAN 14 - Club Meeting - Library Administration Center, 7:30 PM

JAN 15 - BARK deadline (Early is GREAT!)

JAN 17 - 19 - ARRL January VHF Sweepstakes.
North American QSO Party, phone.

JAN 23 - 25 - CQ WW 160-Meter DX Contest, CW

JAN 26 - Ladies Pinochle - Noon at the Clubhouse

JAN 28 -Club Meeting - Library Administration Center, 7:30 PM

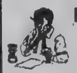
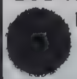
JAN 31 - FEB 1 - YL International SSB QSO Party

Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.

HAPPY NEW YEAR!

January 1998

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 ARRL STRAIGHT KEY NIGHT HAPPY NEW YEAR ROSEBOWL	2 *CLARENCE W7FAB *DAN KC7IEI *JOHN N6FUS	3 9:00 AM CLUBHOUSE OPEN HOUSE 6:00 PM PINOCHLE POTLUCK ARRL RTTY ROUNDUP
4 *JULIAN W7DXI ARRL RTTY ROUNDUP	5 *NICK KC7OKR *TOM WV7V	6 7:30 PM RCT NET 147.28R	7 7:30 PM RCT BOARD MTG *STEPHEN KC7KAQ	8 *LOIS KC7SYU	9 *BRIAN KA7KUZ *DONALD K7LMN	10 9:00 AM CLUBHOUSE OPEN HOUSE *DEANNA N7WHC
11 LET IT SNOW	12 *JOHN KC7MKK FULL MOON	13 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R *EVELYN KA7JCH	14 7:30 PM RCT GENERAL MEETING 112TH ST E & WALLER RD *CHARLES WB7WOU *EDWIN KA7HZH *RAY W7KFN	15 BARK DEADLINE	16	17 9:00 AM CLUBHOUSE OPEN HOUSE *GEORGE NL7IA *JOHN W7ZMZ *MARV KG7V *WILLARD WA9RMK ARRL JAN VHF SWEEPSTAKES
18 ARRL JAN VHF SWEEPSTAKES	19 MARTIN LUTHER KING DAY	20 7:00 PM MVWS EXAMS VE 7:30 PM RCT NET 147.28R	21	22 *LOUIS W7ENR *PETER KC7TSY	23 *BOB AB7TW *GENE K7DVM *JEAN WA7OII *PRASAD N7RGL	24 9:00 AM CLUBHOUSE OPEN HOUSE
25 *DON W7DON *JUSTIN KC7IYF	26 12:00 PM CLUBHOUSE LADIES PINOCHLE	27 7:30 PM RCT NET 147.28R *BRUCE KA7LYC *ELIZABETH KC7VEO	28 7:30 PM RCT GENERAL MEETING 112TH ST E & WALLER RD *BOB W7SKI NEW MOON	29 *KIRK KC7UFY	30	31 9:00 AM CLUBHOUSE OPEN HOUSE *LES WB7QCI

December 1997

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
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28	29	30	31			

February 1998

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1	2	3	4	5	6	7
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15	16	17	18	19	20	21
22	23	24	25	26	27	28

THE RADIO CLUB OF TACOMA
W7DK
SPECIAL SERVICE CLUB

THE LOGGER'S BARK

VOL. XXXV NR. 1 W7DK JANUARY 1998

FROM THE PRESIDENT

WA7ANJ

I hope you and yours had a Happy Holiday season!

Thanks for your vote, and the comments from those who have expressed support and encouragement in the undertaking that lies ahead. I will do my utmost to exceed your expectations, and seek your indulgence if I fail.

I want to extend my gratitude to the past board for their efforts and thank them for a job well done! They managed to make it look easy most of the time. Fortunately, a lot of these folks are on the new board, and the transition should proceed "fluidly and without incident"!

One of the board members mentioned to me that it was very easy to say the wrong thing. I believe it is also easy to NOT say the RIGHT thing. I've been guilty of both of these errors in the past, so if I "boo-boo", speak up. I sometimes get my tang toungled around my eye teeth and I can't see what I'm saying.

I will probably harp on my five favorites through the year:

ARRL: It's the only (national) game in town.

ARES: It's the sole justification for our existence.

PUBLICITY: As one of the oldest Radio Clubs in the nation, I believe we have an obligation to inspire others to longevity and greatness. The members of this club are the kinds of Amateur Operators that should be featured in Ham Radio periodicals. Our activities SHOULD have the local media clamoring to see what we're going to do next - in a POSITIVE manner, please....

NEWBIES: Quality expansion in the ranks, RCT and activities.

GET INVOLVED: Find a copy of the Standing Rules, by-laws, and the Charter. Read through them, see how they work; input your thoughts and ideas. It's YOUR club, too - we're only trustees.

I am contacting various members about openings that need to be filled. If you have a burning desire to be the pfufniac inspector, we WILL find a job for you! (Bring your own pfufniacs.) Don't be discouraged if the job is filled - two might be better than one. (I'm remembering the recent success of the Flea Market.)

WHETHER YOU SAY YOU CAN OR YOU CAN'T, YOU'RE ABSOLUTELY RIGHT!

Have fun with Ham Radio!

73, Roger , WA7ANJ

▶ **ARRL NEWS** - Page 6

▶ **NO CODE TECH CLASS** - Page 10

DUES! DUES! DUES! DUES! DUES! DUES!

Dues are in arrears if you have not paid by December 31 of each year. Dues can be mailed to the Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411 or pay them in person at any club meeting to the club Treasurer.

There is a Dues Renewal Form later in this issue of the Bark (page 12). When you renew, please fill out the form and include it with your dues payment so our records can be as up to date as possible. Thank you very much.

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will not forward Third Class Bulk Mail.

RADIO CLUB OF TACOMA -- 1998

PRESIDENT	ROGER TERWILLIGER	WA7ANJ	475-4293
V PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
SECRETARY	ALAN ALLEN	N7EAY	475-7413
TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
BOARD (5)	AL BURLESON	K7HW	474-9023
	MIKE CRAWFORD	WB7DFQ	531-4789
	MOREL GUYOT	W6LIX	838-5433
	BILL SHIMMIN	W7GBC	584-1086
	LOU SIMMONS	KB7WDB	847-5124
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	ROGER NACE	K8RN	445-4380
	DICK RYAN	W7RGD	627-0922
	JERRY SELIGMAN	W7BUN	845-7652
PHOTOGRAPHER	STAN WARBURTON	N7KMF	535-6015
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	JERRY SELIGMAN	W7BUN	845-7652
COMPOSITOR	KATHLEEN NACE	NØEYK	445-4380
PUBLISHER	W7DK PRESS	N7QHW	265-3661

◆ ◆ ◆

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@excell.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma
147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

New Members

Bob Tompkins, KD7IBU RCT #1990
5821 64th Ave W
University Place, WA 98467-4912 253-460-9585

Anthony G (Tony) Zuger, KA7MIB RCT #1991
20505 Orting Kapowsin Hwy E
Graham, WA 98338-8524 360-893-2638

Frank E Palmer, KC7YEF RCT #1992
Jessica Palmer, Call Pending RCT #1993
6607 301st Ct S/ PO Box 220
Roy, WA 98580-0220 253-846-2306

Mike Wold, KC7ZRB RCT #1994
35616 42nd Ave S
Roy, WA 98580-9388 360-458-5970

Reinstatements

Daniel S Handa, W7WA
PO Box 370
Wauna, WA 98395-0370 No Phone

Address/Phone Changes/Corrections

Don Olson, W7DON
Marilyn Olson, KJ7BN
373 E Strong Rd
Shelton, WA 98584-8863 360-427-2330

Scott Rosengren, KC7SDG
18638 120th Ave SE
Renton, WA 98058-7250 Phone Unknown

Robert W Johnson, KB7MRZ
101 Rainbow Dr #8279
Livingston, TX 77351-9330 Phone Unknown

Delbert Chase, KB7PKI 509-764-4254

Lysle Fleming, KB7RBV
1811 19th St S
Pell City, AL 35125-2244 Phone Unknown

James Billingsley, N7RRK 253-759-8523

Alexander W Hirn, KB7LNZ 253-847-2486

Valerie Hirn, KA7FLH
Leonard F Hirn, Jr, N7CJY 253-588-1231

Harold and Wilma Parkinson, KA7RNL 253-581-3722

Robert Ruby, W7RNR 253-435-0433

New Calls/Upgrades

John P Robbins, KC7ZQY, Technician

Robert Ruby, was KG7DB and is now W7RNR

Silent Keys

Gene Dodge, W7BTV

PINOCHLE

2 gatherings each month

Pinochle & Potluck - 7PM
1st Saturday of the Month
Ladies Pinochle - 12 Noon
4th Monday of the Month
Both gatherings at the Clubhouse.

Your Ad Could Be Here!

**Call, Shirley, N7QHW
at (253)265-3661 for info.**

SECOND BYTE
NEW & USED MS-DOS COMPUTERS
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LAW OFFICES OF
DOUGLAS K. SMITH, P.S.
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(800) 585-8500
AJ7Y

DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409

▶▶▶ *ADDRESS CHANGES* ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to the club treasurer at any club meeting.

IN MEMORY OF W7BTV EUGENE H. DODGE
1915-1997

One of amateur radio's old timers has left our midst for that radio room in the sky. Gene Dodge, W7BTV, arrived on this earth August 28, 1915 and passed away December 12, 1997 at his home on Wollochet Bay.

W7BTV, "Bull Throwing Veteran", according to his own phonetics, was first licensed in 1931 while a student at Stadium High School. He joined the Radio Club of Tacoma that same year and was awarded honorary life membership about five years ago. Gene was also a member of Chapter Four of the Quarter Century Wireless Association from the late Fifties until the present and was one of the original members of the Peninsula Radio Club.

During his school years he was employed part time by Tribune publishing Company as well as working for the Weather Bureau and the Associated Press in 1936 and 1937. Before attending the University of Washington he spent the summer of 1939 with Pacific American Fisheries in Alaska.

Gene was inducted into the Navy as a radioman January 10, 1941. He served in the Washington, DC area and the Pacific Theater. While in the DC area, he met Annie Smith and they were married before he went overseas. He was discharged in August of 1945 and returned to the Pacific Northwest to work for United Airlines.

Gene became a radio operator for the Tacoma Police Department from 1946 until 1951 when he joined Lakewood Radio and Television. He was hired by KTNT-TV, channel Eleven Television in 1957 serving in several capacities including supervisor of remote telecasts until 1977.

Gene leaves behind wife Annie, daughter Carol, sons Tom and Warren and grandchildren Scott, Stephanie, Eric, Nick and Megan.

Gene enjoyed all aspects of Amateur Radio with CW operation his favorite mode. Until two weeks before his passing he could be heard from eighty through two meters operating on nets or keeping schedules with old friends in California and elsewhere. We will miss him and wish for him 59 signals and QRM free qso's.

73 Max, W7AEA

Radio Club of Tacoma License Exams

JANUARY 13 , 1998

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: RCT for $6.25. For information call:
Shirley Murphy, N7QHW at 253-265-3661

ARES/RACES

A couple of months ago, I shared with you an article from the AMATEUR RADIO NEWS SERVICE publication on Special Event Communications of which there indeed is a Part 2. I now have the rest of the article and will share it with you but not this month.

We have some special areas of opportunity for ARES/RACES volunteers in the Pierce County community.

N7QHW

The first opportunity is the need for volunteers to staff the State Department of Emergency Services Emergency Operation Center (EOC), which will be established in Pierce County in the near future. It will be located at the Camp Murray site just off I-5 near Tillicum. Jim Sutton, WA7PHD, is our State RACES Officer and is looking for volunteers to be available for staffing the center in the event of an emergency. Volunteers should keep in mind their ease of access to the Center and have at least a general class license to operate on the HF bands. Other levels of license class such as Novice and Technician or Tech Plus may be helpful. Ask Jim Sutton if you are interested. Jim usually monitors the 145.370 repeater or he can be reached at 253-847-8888. Please give Jim a call and find out where and how you can help. There is, in all likelihood, some training that will take place.

Second on the list of volunteer opportunities is the need for operators to staff the Pierce County Department of Emergency Management Service Emergency Operations Center in the basement of the County-City Building, located between S 9th & 11th and Tacoma Ave S and Yakima. The same criteria of ease of access to the Center needs to be kept in mind. All license class volunteers can be used. To volunteer for this service, contact Alan Hughes, KB7SVU, at 253-840-4947 or Bob Tilley, KB7NBQ, at 253-875-0755. Training will be done by Dan Smith, N7VXJ.

The last opportunity for which Alan and Bob are seeking volunteers are the Public Service Events that occur each year in Pierce County. They need a person to volunteer to be chairman of this job. We in the Radio Club have expressed an interest in supplying that person but the elusive person has yet to be identified. So speak up and do some volunteer service for your club, your community and your local ARES/RACES organization. What are these public service events? Some of them are parades, walkathons, Sound to Narrows, MS Walk, Pierce County Bike-a-thon an probably more. If we had a person a overall events coordinator, it is feasible t consider other volunteer coordinators fo events so one person does not get overloaded. Anyway, there are several ways t look at this so we don't burn out on thes projects. The public service events als provide us with training opportunities fo the future disaster-type situations we migh be involved in. Any license class is elig ble.

What is needed from each of u personally? Some of the equipmen needed has been covered in the Specia Event Communications article in the BAR 3 months ago. More will be covered in pa 2 next month. Other personal considerations are to always wear clean and neat clothes (not our barn stormers) and be freshly showered and groomed. It behooves us to put our best foot forward by doing the above as well as being professional, using no foul language and alwa being polite. Cute phonetics are just that - cute - but d not belong in an emergency situation. Practice using th phonetics we were taught and soon they will becom second nature.

If you do not have a State Workers Identificati Card and want to volunteer, you can get a card by joinin ARES/RACES. To join, contact Alan, KB7SVU, ARE Emergency Coordinator, at 253-840-4947 or Bo KB7NBQ, RACES Radio Officer, at 253-875-0577 or se Shirley, N7QHW, at any Radio Club of Tacoma meetin for an application.

For those of you that already have a card, remember, check your Department of Emergency Manag ment (DEM) card to be sure it has not expired. If it ha expired, you need to fill out a new application and turn in to Alan, Bob or Shirley (info above). Also, find o which Fire District and Fire Zone you are in and let know.

Volunteers are still needed for manager po tions. Contact Alan or Bob to volunteer. I extend a personal invitation to each of you to get involved.

73, Shirley, N7QHW

THANK you

I would like to say thank you to everyone who volunteered to help me get the BARK ready for mailing this past year. Your help was truly appreciated. I thank Kathleen for all her work with the BARK. Shirley, thank you for your confidence in me to get the job done. To everyone, have a happy, healthy New Year...

Nora, KC7JME

(Editor's note: Thanks, Nora, for all your efforts as a team leader to make the BARK happen each month.)

◆

ARRL
RADIO CLUB OF TACOMA
W7DK

CHECK IT OUT!

RCT Web Page:
www.mashell.com/~roblee/rct.htm

Upgrade Classes

Classes are being formed for upgrading to Advanced and Amateur Extra Class. Classes are planned for Monday or Thursday evenings from 7PM to 9:30PM for 5 or 6 weeks. Call Jerry, W7BUN, at 253-845-7652 for details or to register.

NOTICE

The Maple Valley Wireless Society testing program has moved to the *Maple Valley Fire Station, 22225 SE 231st St in Maple Valley,* with sessions every third Tuesday of the month.

Amateur Radio Exams

in the Puget Sound Region as of May, 1996

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 1 PM - Boeing Recreation Center - 22649 83rd Ave So, **Kent** - Contact Burt Mendez, KB7ZCW, 824-2785, Seattle

2nd Tuesday - 6:30 PM - **Everett** - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clubhouse - Contact Shirley Murphy, N7QHW, 265-3661

2nd & 4th Thursdays - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave - next session - September 21 - Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

◆ News from the ARRL ◆

de Jerry, W7BUN

Gleaned by Roger, K8RN, from ARRL sources on the Internet.

W7BUN

WRC-97 WRAPS UP IN GENEVA

The 1997 World Radiocommunication Conference concluded its talks in the early morning hours of November 21 in Geneva, Switzerland. Amateur Radio survived WRC-97 largely unscathed, but the stage has been set for renewed spectrum battles at WRC-99.

The Little LEOs were unable to muster much support for new allocations at WRC-97. However, they came away with up to 3 MHz of additional spectrum in the bands between 454 and 460 MHz. The Little LEOs also got a resolution calling for urgent studies in preparation for WRC-99 for additional VHF/UHF spectrum. A second issue that will recur at WRC-99 is finding a place in the 420-470 MHz frequency range for the Earth Exploration Satellite Service (EESS). Synthetic aperture radars (SARs) using frequencies in this range are said to be capable of penetrating the rain forest for mapping purposes.

Two significant ham radio-related issues failed to make the cut for consideration at WRC-99. Pushed back to the tentative agenda for WRC-2001 were the possible realignment of the 40 meter band to resolve a conflict between hams and broadcasters in part of the band and Article S25 of the international radio regulations which contains the international regulations specific to the Amateur and Amateur-Satellite Services, including the Morse code requirement for operation below 30 MHz.

WRC-97 delegates approved a resolution encouraging administrations to facilitate the use of ham radio and other "decentralized means of communications" for disaster mitigation and relief operations.

FCC ISSUES RF SAFETY SUPPLEMENT B TO OET BULLETIN 65

Hams now have basic guidelines and tools to evaluate their stations for compliance with the FCC's RF exposure guidelines that start phasing in January 1, 1998. The FCC's Office of Engineering and Technolo finally issued the Amateur Radio Supplement B to its OE Bulletin 65. The supplement runs approximately 70 page

The new RF exposure rules go into effect Janua 1, 1998 for all new stations and for those filing a Form 61 with the FCC after that date. Existing stations have un September 1, 2000 to comply with the new rules. Bu existing stations making changes that could affect F exposure from their station–such as increasing power relocating antennas–must evaluate that change if do after January 1, 1998.

OET Bulletin 65 and the new Supplement B a available at http://www.fcc.gov/oet/info/documents/b letins/#65. Copies are available from International Tra scription Service Inc, 1231 20th St NW, Washington, D 20036; tel 202-857-3800; fax 202-857-3805.

TAPR OFFERS LATEST AX.25 PROTOCOL

AX.25 Version 2.2 is up on the Web! You can access both the 1984 and 1997 versions of this Amateur Radio packet link protocol at http://www.tapr.org/tapr/html/ax25.html. This docume marks the fourth edition of the AX.25 Amate Packet Radio Link Layer Protocol by the ARRL a the Tucson Amateur Packet Radio Corporati (TAPR). The AX.25 Version 2.2 document is avaable free of charge.

INTERNATIONAL SPACE STATION CREW T INCLUDE HAMS

Hams will be among the first crew members to li and work aboard the International Space Station. In adtion, several of the crew mebers named recently by the U and Russia are studying for th licenses. The R0MIR Mir c station call may also be availa to the Russian crew members the ISS.

The first crew will cons of US astronaut William M. Sheherd, as the expedition commander. Shepherd is studyi for his ticket. He'll be accompanied by Russian cosnauts Yuri Gidzenko and Sergei Krikalev, U5MIR. All thr have previous space flight experience. The crew is traing for an early 1999 launch on a Soyuz vehicle fo planned five-month mission on the ISS. Initially, crews inhabit the service module, which will include a ham ra antenna. Ham gear will be delivered aboard STS-96 l next year.

LEAGUE REQUESTS CHANGES TO CW EXAMS

The ARRL petitioned the FCC to change the way Morse code exam exemptions for severely handicapped applicants are handled. The League wants to change the procedural requirements in Part 97 that must be met, prior to granting examination credit. The FCC has designated the petition as RM-9196.

The League has proposed that a candidate at least would have to attempt the CW test--with any and all necessary accommodations--before being granted an exam waiver based on a physician's certification. Also, Volunteer Examiner Coordinators (VECs) would be entitled to request medical information pertinent to an applicant's handicap from the certifying physician. VECs also would be required to have this information on file before the application is forwarded to the FCC for processing.

PHASE 3D UPDATE

AMSAT's Keith Baker, KB1SF, reports that AMSAT-DL President and Phase 3D Project Leader Karl Meinzer, DJ4ZC, visited the Phase 3D Integration Lab in Orlando recently for a top-to-bottom review of Phase 3D's status. While work remains to recover from the structural rebuild as well as to finish up the satellite and make it flight-ready, "the end is in sight!" says Baker. Phase 3D was to have been aboard the Ariane 502 flight in October, but the imposition of new structural standards last summer--and the consequent "structural rebuild," made it impossible for Phase 3D to remain on the flight schedule.

As it turned out, the Ariane 502 flight experienced difficulty and it's payloads were put into lower-than-expected orbits.

GATE 4 ATTRACTS HUNDREDS

The FCC does not expect to begin processing Gate 4 applications until after the first of the year. A spokesperson at the FCC's Gettysburg office said the current plan is to run the first-day applications on or about January 7, 1997, but emphasized that this is not a firm date.

The FCC has processed earlier vanity receipts through mid-November, including all work in process (WIPs) applications. In November, the FCC reports it got 517 electronic applications and 149 paper applications.

The FCC reports it got more than 800 electronic applications on December 2, the first day of Gate 4. Another 120 electronic applications showed up on December 3. A count of paper applications is not yet available.

CAROS PROPAGATION SERVICE TO DEBUT

Cary Oler at the University of Lethbridge in Canada relays word of a new radio propagation service known as CAROS, or the Coordinated Amateur Radio Observation System. Oler says CAROS is based on the principle of amateurs contributing radio propagation information for others to use.

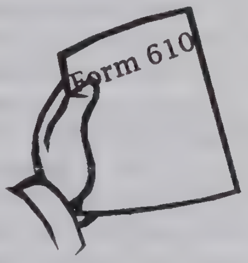
Post CAROS propagation reports to:

http://solar.uleth.ca/solar/www/subcaros.html.

The main CAROS web page:

http://solar.uleth.ca/solar/www/caros.html is updated every five minutes. Direct questions or comments to coler@solar.stanford.edu.--thanks to Tom Frenaye, K1KI

FCC FORMS CONTRACTOR NOW HAS NEW FORM 610



With just days to spare, the new FCC Form 610 now is available from the FCC's forms contractor. The FCC has ordered the destruction of all previous versions of the form. As of January 1, 1998, the FCC will accept only the new Form 610 for all filings. Forms 610A and 610B also have been amended.

The major change in the new Form 610 is a certification that says the applicant has read and will comply with the new RF radiation safety rules that begin phasing in on January 1, 1998.

The new Forms 610 also have been available from the FCC's Web site at http://www.fcc.gov/formpage.html, at ftp://ftp.fcc.gov/pub/Forms, or by fax at 202-418-0177 (request index).

To order a new Form 610 from the ARRL, send a self-addressed, stamped envelope to ARRL/VEC, 225 Main St, Newington, CT 06111. Include one unit of first-class postage for each Form you order.

If you need to file a Form 610 with the FCC, be sure you have the NEW Form 610.

MINUTES

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING
NOVEMBER 26, 1997

The Radio Club of Tacoma, regular meeting was called to order at 7:30 PM by Mike Crawford, WB7DFQ, Following the pledge of allegiance and introductions, it was announced that new member Clive, KC7ZLF, has just received his license. Mick, KC7TVM, and Al, KC7YGC, have both upgraded to General class.

TREASURER'S REPORT:

Treasurer's report has not been updated.

General Fund Checking	$729.19
Repeater Fund Checking	346.01
Packet Fund Checking	372.57
License Classes	263.89
Scholarship Working Fund	700.00
Flea Market Checking	500.00
Money Market Savings	14,423.32
Scholarship Memorial Fund	2,796.31
Available Cash	14.69
Total All Accounts	$20,145.98

Memberships to date are 457.

CORRESPONDENCE: RCT received announcements of the Clark County Amateur Radio Club's "Fort Vancouver Ham Fair '98". It will be held at the American Legion Post #176-Salmon Creek, on April 4th, 1998, from 8:00 AM to 2:00 PM. (Talk-in freq. 147.24). The club also received notification of the Salem Hamfair, to be held February 21st, 1998. It will be West of Salem where Highway 22 meets 99W, at the Polk County Fairgrounds. The doors open at 9:00 AM with a drawing at 3:00 PM.

HEALTH & WELFARE: It was announced that Harry Price, KB7JQM, is in the hospital.

PROGRAM: Bill, W7GBC, presented a tape on Kenwood.

COMMITTEE REPORTS:

MEMBERSHIP & TRAINING: Bill, W7GBC, said the next class will be on February the 8th & 9th at the club house, with testing on the following Tuesday.

ARES: Mike, WB7DFQ, said the club must become more active in Amateur Radio Emergency Services to help strengthen our position in the community.

ARRL: Mike, also said that the FCC has released supplement "B" , a 48 page document which Al, K7HW, will try to make available to those who are interested.

CHRISTMAS POTLUCK & AWARDS BANQUE Dawn, KC7VZM, announced the event will be held at th T.A.C.I.D. building. It is set for Saturday, December 1 from 6:00 to 8:30 PM.

GOOD OF THE ORDER: Roger Terwilliger, WA7AN said the school net is operating and would apprecia participation by answering CQ calls. Mike, WB7DF reminded all that the next general meeting will be at th Lakewood Library on December 10th.

Attendance: 32

The meeting was adjourned at 8:25 PM.

Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

A HAPPY AND
PROSPEROUS
NEW YEAR
TO ALL

SPECIAL
SERVICE
CLUB

RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
DECEMBER 3, 1997

The Radio Club of Tacoma's Board meeting w called to order at 7:30 PM by President Mike Crawfor WB7DFQ, other club officers present were Shirley Mu phy, N7QHW, and Vice President Bill Shimmin, W7GB Secretary Carl Glimpse, N7UDP, with board membe Alan Hughes, KB7SVU; Dan Kelly, N7QWH; Lou Si mons, KB7WDB; and Jerry Seligman, W7BUN, repr senting a quorum. Guests present were Alan, N7EAY; K7HW; Roger, K8RN; Roger, WA7ANJ; Morel, W6LI Arthur, AA7EO; David, WB7AUJ; and Worth, W7WG.

TREASURER'S REPORT:

Treasurer's report is approved.

General Fund Checking	$510.10
Repeater Fund Checking	346.01
Packet Fund Checking	372.57
License Classes	284.84
Scholarship Working Fund	700.00
Flea Market Checking	500.00
Money Market Savings	13,480.76
Scholarship Memorial Fund	2,796.31
Available Cash Available Cash	65.35
Total All Accounts	$19,055.94

Paid memberships to date are 461.

Shirley, N7QHW, also said most of the major bills ha been paid, including insurance. Shirley also said the were a couple of insignificant long distance phone ca made from the club house on the date of the last class.

CORRESPONDENCE: The club received a thank y letter from Chaplain Brian Quinn for the $50 club don tion given in Jim Kirkreit's name to their charity.

COMMITTEE REPORTS:

MEMBERSHIP & TRAINING: Bill, W7GBC, said th next concentrated No-code Tech Class will be on Febr ary the 7th & 8th at the club house. Jerry, W7BUN, will teach General and/or Technician classes as soon as he has enough enrollees. Roger, WA7ANJ, has duplicated code tapes for those who wish to practice code that way. He is also working to set up code practice on the repeater, as well as at the club house. Dates and times for the latter have not yet been established. Wade, WA7OHG, has agreed to help.

FIELD DAY: David, WB7AUJ, said not much will happen until January of 1998.

CLUB HOUSE: Lou, KB7WDB, said the front porch has been repaired. Lou now has board authorization to replace the rotting and missing gutters.

BARK: Roger, K8RN, said the 15th of the month is still the deadline for articles.

ARES/RACES: Alan, KB7SVU, said Ron Ohnhaus is the new acting section head for Western Washington. Alan says he is very interested in getting the club more involved in Pierce County ARES. Alan, also said that they had fun at their last meeting, building antennas, but that they still have the same officers due to the lack of attendance. Both Bob, KB7NBQ, and Alan, KB7SVU, would appreciate any help they can get. Shirley, N7QHW, would like the club to get involved by handling the coordination of ARES/RACES public service events. Alan, KB7SVU, said we need a core group, to be trained by Dan Smith, to assist at the Tacoma EOC in case of emergencies.

NEW BUSINESS: Jerry, W7BUN, will assist Bill, W7GBC, the club equipment custodian, with an inventory of the club's equipment. They will compile a list for publication, and a method of check out by club members.

Jerry, W7BUN, is preparing a draft copy of the wording for the Jim Kirkreit Inspirational Award. He will present it to the board in January.

Shirley, N7QHW, will prepare new signature cards for the incoming officers – Treasurer, Assistant Treasurer, and President. The board also authorized Shirley to move club funds wherever and whenever she deems necessary. The meeting was adjourned at 8:20 PM.

Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

DUES RENEWAL

RADIO CLUB OF TACOMA
W7DK
ARRL
RADIO CLUB OF TACOMA
W7DK

RADIO CLUB OF TACOMA, INC.
REGULAR MEETING
DECEMBER 10, 1997

The Radio Club of Tacoma, regular meeting was called to order at 7:30 PM by Mike Crawford, WB7DFQ, Following the pledge of allegiance and introductions, the club welcomed visitor Randy, N7WGH.

TREASURER'S REPORT:

Treasurer's report is approved as printed.

General Fund Checking	$1389.19
Repeater Fund Checking	360.01
Packet Fund Checking	372.57
License Classes	284.84
Scholarship Working Fund	700.00
Flea Market Checking	500.00
Money Market Savings	13,480.76
Scholarship Memorial Fund	2,796.31
Available Cash	0.00
Total All Accounts	$19,883.68

Paid memberships to date are 468.

CORRESPONDENCE: RCT received a QSL card from K7VP, Virgil, who worked W7DK on field day, from Tucson, Arizona. The club also received a thank you note from BSA Pack #42 for arranging the Jamboree on the air. They hope we can do it again next year. RCT received a thank you note from KA7RNL, Harold, and his wife, Wilma, for the club's thoughtfulness during their health troubles.

HEALTH & WELFARE: Good to have Val, N7VGO, back from surgery.

PROGRAM: The program will be postponed until the rest of the meeting is over. Tonight's program will be a social get together and general rag chew for members present.

COMMITTEE REPORTS:

MEMBERSHIP & TRAINING: Bill, W7GBC, said the next class will be on February the 7th & 8th at the club house, with testing on the following Tuesday.

ARES/RACES: Shirley, N7QHW, said the club must be more active in Amateur Radio Emergency Services to help strengthen our position in the community. What we need is a coordinator and a committee to assist Pierce County in coordinating amateurs during emergencies. Shirley also reminded everyone that as of January the 1st, the new 610 form must be used.

BARK: Roger, K8RN, said Kathleen, NØEYK, will continue to edit the BARK remotely as they travel through mid April. Articles will be handled via E-mail. Although there are others, these are a couple of E-mail addresses that will work,

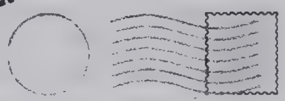
nØeyk@excell.com or kathleen@excell.com

CHRISTMAS POTLUCK & AWARDS BANQUET: Dawn, KC7VZM, announced the event will be held at the T.A.C.I.D. building. It is set for Saturday the 13th of December from 6:00 to 8:30 PM.

GOOD OF THE ORDER: Roger Terwilliger, WA7ANJ, our new president, made a few remarks and solicited support for next year. Shirley, N7QHW, said anyone knowing any young amateurs, encourage them to tune into the W7DK youth net on Sunday night on 147.28. So

far there only a couple who participate.
Attendance: 37
The meeting was adjourned at 8:25 PM.
Respectfully Submitted
Carl Glimpse, N7UDP, Secretary
Radio Club of Tacoma

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO
CONTINUE RECEIVING YOUR BARK



SCHEDULE YOUR SWAPMEET VISIT IN 1998!

Feb. 21 Salem Hamfair, Rickreall, OR
March 7 Mike and Key Fleamarket, Puyallup, WA
March 28 Eugene Hamfest, Eugene, OR
May 29-31 SeaPac, Seaside, OR

ONE WEEKEND TECHNICIAN CLASS

RADIO CLUB OF TACOMA • FEB 7 & 8 • 9 AM - 5 PM

Come and Learn What You Need to Know!

Pass Your No-Code Technician Examination!

To Register Call:

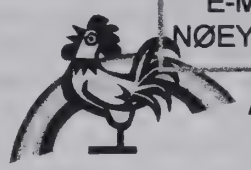
Bill Shimmin 253-584-1086
or
Al Burleson 253-474-9023

Bring a Sack Lunch - Class Fee: $10 - Book Available: $19

Editor's Notes

de N0EYK

E-Mail address:
N0EYK@excell.com



HAPPY NEW YEAR!

As we start the new year, we welcome our new and returning club officers and board members. Please be
ready to give the club your support by coming to mee
ings, by helping to make club activities happen and l
doing the jobs to take care of our facilities. Voluntee
That's how it all happens!

As I write this, the Naces are starting to get rea
to head South for a few months. The February issue
the BARK will be done before we leave, but the Marc
April and possibly May issues will be done remotel
E-mail submission is the best way to get materials to m
If you don't have e-mail capabilities, there are lots
people in the club who do. The regular mail is a la
resort. as it will have to be forwarded to me. Since I w
be depending on the mail to get the copy to Tacoma f
printing, it will be important
keep the deadline. Working t
gether, we can make the BAF
happen on time. I would like
say thanks to all those w
help make our newsletter, e
pecially Nora, KC7JME, a
the mailing crew, Shirle
N7QHW, and my in-hou
helper Roger, K8RN. Over t
last year we have missed Jer
W7BUN, with his reports of
years ago, and Mike, KB7QO
writing those great articl
about CW. Y'all come bac
We would welcome other co
tributors.

We will try to keep
touch as we travel and Rog
is hoping to get our web pa
(excellnet.excell.com/~rnac
updated to track our trave
before we head out... If not,
we go along.

Blessings for the ne
year!

73, Kathleen, N0EYK

"Cabo San Lucas to Puerto Vallarta"

December 14, 1997

More from Stef (KB7 PKF) and Marilyn (KB7PCT) Thordarson aboard their 40 foot sailboat, "Circe," currently exploring the western coast of mainland Mexico.

As we journey farther south in Mexico the HAM radio network is becoming increasingly valuable in many ways: keeping in touch with friends and relatives back home in Tacoma, finding out what the marine weather is in various places and information on the cruisers' nets.

Here are a few of the cruisers nets that have been helpful to us. Times are zulu (+6 for PST) since in Puerto Vallarta we are now 2 hours ahead of you in the Northwest:

Zulu	Freq	Name	Comments
0000	3968	Baja Happy Hour	Informal net; cruisers identify themselves by changing their phonetic call signs to cocktails. For example, instead of Papa Charlie Tango I could say Pure Cold Tequila (just a fun group)
0200	4051 or 4060 SSB	Southbound	Cruisers traveling down the California & Mexico coasts check in here
0500	3955	Whiskey	Local NW net
1430	3968	Sonrisa	Local marine net
1530	7294	Chubasco	Broader reaching marine net. A devoted supporter in the states collects weather data from all the boats checking in plus other sources and gives a local forecast for cruisers.
1700	14292	Alaska ?	This is where I've been meeting Mac, W6NBD (No Boozin Done? Noted Beer Drinker?)
1900	14340	Manana	I've heard this is a good place for phone patches
2200	21402	Pacific Maritime Net	Supposed to be a good place for cruisers to make phone patches
2300	3968	Women's Net	A new net geared for women cruisers

There are cruiser nets on VHF marine band but of course they are pretty localized. However, it is possible to send a message over the Ham and ask someone to relay over VHF. For instance, we had some mail sent to us c/o the marina in Cabo San Lucas. It still hasn't arrived but through the Chubasco net we've been able to send messages from Puerto Vallarta to a cruiser in Cabo who in turn relays it over the VHF to another non-Ham cruiser who's checking on it for us. Since we don't have SSB, we've used the VHF to ask another cruiser to send a message over the Southbound net (SSB) to link us up with another cruising boat on a Ham frequency. For example, we were looking for Bill KC7VEL and Linda on "Canick". They have both SSB and Ham radios. We can receive SSB frequencies but can't send. So we asked another boat, "Seaya," to hail them on the SSB Southbound net and ask them to meet us later on a Ham frequency. We were able to talk to Bill and Linda later and Bill was helpful in sharing his Compuserve settigs with me. Didn't work, but that was because some of the settings were specific to his computer and modem.

So, it's possible to track other cruisers via the Ham even if we're not in direct contact with them. And it's especially helpful to receive "real-time" weather reports. In other words, at the beginning of the Chubasco net they ask for check-ins and the weather from boats in transit. So we hear directly from other cruisers down the outside coast of Mexico and throughout the Sea of Cortez. This is in addition to the weather that's compiled and relayed by the station in California. We've heard other cruisers get help solving engine problems, make marina reservations, finding a dentist and check on the welfare of overdue boats. I should add that the first priority on all of the nets is for medical or emergency traffic.

We've received many messages relayed from Tom N7QHX and Mac W6NBD and sometimes Worth W7WG including the news that Betty and Herb Weston passed their General! Hopefully they're new members of the Radio Club. They're working on their boat hoping to "sail away" in '98. It's been especially helpful to meet with Mac W6NBD in the mornings. When we're not able to reach each other, Bill WD6AHW in San Diego, relays for us. An example of this is setting up a specific time to call our son, Scott. Since phoning out of Mexico is expensive, it's nice to set up a time so we don't just get the answering machine. It's interesting to hear about all the other Hams that listen for us on 14292 in the mornings and follow us around the band looking for a frequency. I'm also beginning to receive e-mail from Hams who have heard about our trip and want to follow us.

In Mexico you're only allowed to work on one project a day so that's why I'm slow in trying to connect to e-mail via HAM. It's still on the project list. Meanwhile, I "think" I've solved my Compuserve problems. It worked when we were in L.A. this weekend but I've yet to try it down here. Let's keep our fingers crossed. If it works, you can reach us at thordam@compuserve.com Salud! (That's "cheers.")

RADIO CLUB OF TACOMA DUES RENEWAL FORM

RCT BYLAWS SECTION TWO - MEMBERSHIP FEES AND ASSESSMENTS

(B) DUE DATE. Membership shall commence with the tender of a properly completed application and appropriate fee to any c officer. Annual membership dues will be paid in advance, in total on or before December 31 of each year. Renewal notice may provided in the club newsletter. Dues not received by March 31 of the current membership year shall be considered in arrears which point membership and all rights and privileges therein will be terminated without further notice.

In order for our records to be as accurate as possible, please fill in the following informati even if you feel there is nothing different for you that we may already have on record.

MEMBERSHIP TYPE: FULL [ ] SENIOR [ ] ASSOCIATE [ ] STUDENT [ ]

NAME______________________________ CALL______________

ADDRESS____

CITY____________________ STATE________ ZIPCODE + 4______________

E-MAIL ADDRESS____

TELEPHONE(PLEASE INCLUDE AREA CODE)____________________

ARRL MEMBER [ ] YES [ ] NO LICENSE CLASS______________

[ ] FAMILY MEMBER:

NAME______________________________ CALL______________

LICENSE CLASS____________________

NAME______________________________ CALL______________

LICENSE CLASS____________________

NAME______________________________ CALL______________

LICENSE CLASS____________________

===

FULL (regular membership for licensed amateurs)	$20.00
SENIOR(65 YEARS OR OVER)	$16.00
FAMILY(spouses and dependents living in same household as full member)	$4.00 per person
ASSOCIATE(interested persons not licensed as an amateur--has no vote)	$20.00
STUDENT(available to Full or Associate up to age 25 attending school full time)	$10.00
LIFE(available to Full or Associate or Family members--dues are 20 times the appropriate membership fee--see bylaws for further payment options)	$400.00(full or associate) $80.00(per family member)

Send completed form with payment to Radio Club of Tacoma P.O. Box 11188 Tacoma WA 98411-0188 or bring to any meeting and give to the club Treasurer.

Please indicate your areas of interest for each activity listed by marking an x on the line provided

_______HF SSB
_______HF CW
_______HF Mobile
_______SSTV
_______ATV
_______Construction
_______QRP
_______VHF/UHF SSB
_______VHF/UHF CW
_______VHF FM Mobile
_______UHF FM Mobile
_______Antennas
_______Traffic Handling
_______ARES/RACES
_______DX
_______Computers
_______RTTY
_______Facsimile
_______Teaching
_______Field Day
_______Being an Elmer
_______Contesting
_______Certificates
_______Satellites
_______VHF/UHF Packet
_______HF Packet
_______EME (Moonbounce)

I would be interested in helping on one or more of the following club committees:

[ ] Packet
[ ] Flea Market
[ ] Field Day
[ ] RFI/TVI
[ ] Bark Mailing
[ ] Repeater
[ ] Teaching/Training
[ ] Antennas
[ ] Scholarship
[ ] Social Activities
[ ] Contest
[ ] Museum
[ ] Computer
[ ] Long Range Planning
[ ] VE Testing
[ ] Emergency Communications
[ ] Clubhouse Facilities
[ ] Club HF Station
[ ] WWA Puyallup Fair Booth
[ ] Legal Concerns

FEEL FREE TO MAKE ADDITIONAL COMMENTS ON THE BACK OF THIS FORM

FEB
1998

2/98

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

ADDRESS SERVICE REQUESTED

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TACOMA, WA
PERMIT NO. 1078

COMING EVENTS

FEB 4- Board Meeting - Clubhouse, 7:30 PM - All members welcome.

FEB 7 - 9 - Ten Ten International Net Winter QSO Party, Phone

FEB 7 - Pinochle Potluck - 7 PM at the Clubhouse

FEB 10 - License Exams - 7 PM - Clubhouse

FEB 11 - Club Meeting - Library Administration Center, 7:30 PM

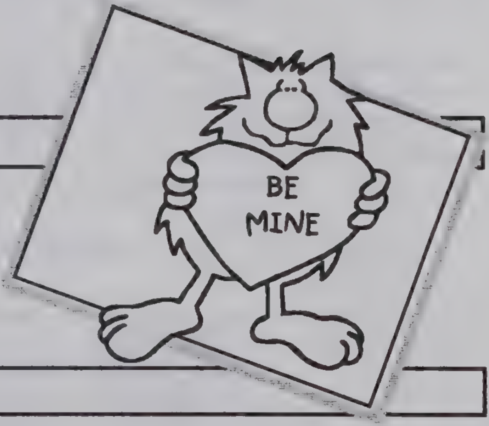
FEB 13 - 16 - Worldwide RTTY WPX Contest

FEB 15 - BARK deadline (Early is GREAT!)

FEB 21 - 22 - ARRL International DX Contest, CW

FEB 23 - Ladies Pinochle - Noon at the Clubhouse

FEB 25 - Club Meeting - Library Administration Center, 7:30 PM

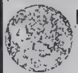


Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.

HAPPY VALENTINE'S DAY!

February 1998

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1 NORTH AMERICAN SPRINT, PHONE	2 *JOHN K7ASZ GROUND-HOG DAY	3 7:30 PM RCT NET 147.28R *KEN KA7CZA	4 7:30 PM RCT BOARD MTG *DAVID KC7OKQ *DICK KB6PWR	5 FEBRUARY SKATER	6 *BILL N7TEZ *CARL KB7LIG *CAROLYN WV7Q *RUSS KC7IBX	7 9:00 AM CLUBHOUSE OPEN HOUSE 6:00 PM PINOCHLE POTLUCK *VAL N7VGO TEN-TEN INTERNAT'L WINTER QSO PARTY, PHONE
8 *PHIL G4UFH NORTH AMERICAN SPRINT, CW TEN-TEN INTERNAT'L WINTER QSO PARTY, PHONE	9 *JOE KD7LJ SCHOOL CLUB ROUNDUP	10 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R *KAREN KC7ACX *RICH N7ANF SCHOOL CLUB ROUNDUP	11 7:30 PM RCT GENERAL MEETING 112TH ST E & WALLER RD  FULL MOON SCHOOL CLUB ROUNDUP	12 SCHOOL CLUB ROUNDUP	13 *KARYL N7KWF SCHOOL CLUB ROUNDUP	14 9:00 AM CLUBHOUSE OPEN HOUSE *MARK N7FIT HAPPY VALENTINE'S DAY
15 BARK DEADLINE	16 *KARL KC7PAI *STEPHANIE KC7RPE PRESIDENT'S DAY	17 7:00 PM MVWS EXAMS VE 7:30 PM RCT NET 147.28R *DAN N7QWH *MICHAEL KB7ZDR	18 7:00 PM ARES/RACES MTG--TACID BLDG *BRYAN KB7PZW *PETE N8PSJ	19 *DONNA *OLIVER W7WIA *RONALD N7SWO	20 *MAJOR N7GSF	21 9:00 AM CLUBHOUSE OPEN HOUSE *PAM KC7AZV ARRL INTERNATIONAL DX CONTEST, CW
22 *SALLY KB7PKJ *TRESSIE KC7BAL ARRL INTERNATIONAL DX CONTEST, CW	23 12:00 PM CLUBHOUSE LADIES PINOCHLE	24 7:30 PM RCT NET 147.28R *JOHN N7JFM	25 7:30 PM RCT GENERAL MEETING 112TH ST E & WALLER RD	26 *NORM KB7UXM *PAUL N7WGV NEW MOON	27 *BUD WE7I *EDWIN KC7OKS *LOUIS KA0SKW	28 9:00 AM CLUBHOUSE OPEN HOUSE YL-OM CONTEST, PHONE&CW

January 1998

S	M	T	W	T	F	S
				1	2	3
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18	19	20	21	22	23	24
25	26	27	28	29	30	31

March 1998

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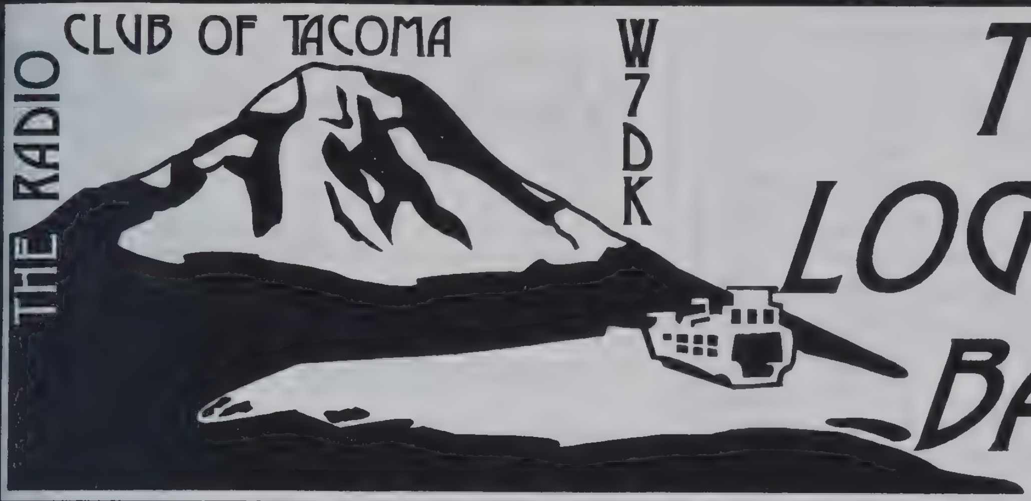
29	30	31				



THE RADIO CLUB OF TACOMA

W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXV NR. 2 W7DK FEBRUARY 1998

FROM THE PRESIDENT

WA7ANJ

February already! Seems like we just get through the Holidays, and we're talking about whether the groundhog will give us an extension of Winter or an early Spring! Some things I've learned from the ARRL Club President's Workbook (a planning calendar and guide): There's always something to do to fill your slack time, if you're willing to do it! I know that's also true in other areas, but here are some Ham radio happenings for this month that you NEED TO KNOW - (That's what the guide says) - :

SCHOOL CLUB ROUNDUP, the week of 9 - 13. I know that the (Kirkland) Evergreen Amateur Radio Club, KC7WIT, is taking a week off to build code oscillators, complete with a key. Jeff, AB7WJ, the "Elmer" for these 50 grade schoolers (K - 6), came up with a project that costs $6.50 each - and virtually all of them are interested in learning code! Now if we could just get them to Tacoma ...

INTERNATIONAL DX CONTEST, CW, the weekend of 21 - 22. If you're not planning to get on the air, then why not try listening to Morse on something other than a tape or computer? The adrenaline may start to flow, your heart will palpitate, perspiration - hey, is this the Puyallup or should I see my Doctor? Seriously, folks, it really is more exciting than copying tapes. It's a REAL PERSON talking a "different" language!

I truly enjoyed my first Board Meeting as President. I was not at all surprised by the interest, dedication and tolerance of the board. That is what I have observed, and come to expect, during previous experiences with various members - as a VE, the Flea Market, the Fair, and helping out around the shack. If these folks were any more professional, maybe they'd lose their amateur status - HI HI.

You'll hear more from the board at the general meetings. Some changes are being considered, and you will be asked for your input. Come to the meetings and have a say in the way things run. It's YOUR club! If it weren't for you, I wouldn't get to have all this FUN! I thank you for that!

Have FUN with Ham Radio! 73, Roger

▶ **ARRL NEWS** - Page 6

▶ **NO CODE TECH CLASS** - Page 12

DUES! DUES! DUES! DUES! DUES! DUES!

Dues are in arrears if you have not paid by December 31 of each year. Dues can be mailed to the Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411 or pay them in person at any club meeting to the club Treasurer.

There is a Dues Renewal Form later in this issue of the Bark (page 12). When you renew, please fill out the form and include it with your dues payment so our records can be as up to date as possible. Thank you very much.

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will not forward Third Class Bulk Mail.

RADIO CLUB OF TACOMA – 1998

PRESIDENT	ROGER TERWILLIGER	WA7ANJ	475-4293
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SECRETARY	ALAN ALLEN	N7EAY	475-7413
TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
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	MIKE CRAWFORD	WB7DFQ	531-4789
	MOREL GUYOT	W6LIX	838-5433
	BILL SHIMMIN	W7GBC	584-1086
	LOU SIMMONS	KB7WDB	847-5124
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COMPOSITOR	KATHLEEN NACE	NØEYK	xxx-xxxx
PUBLISHER	W7DK PRESS	N7QHW	265-3661

◆ ◆ ◆

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@excell.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma
147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Conrad Cinq-Mars, N7WMH RCT # 1995
1717 Leonie Ln NW
Gig Harbor WA 98335-7871 253-851-6247

Alicia Deery, KC7ZLI RCT # 1996
3205 Brookdale Rd E
Tacoma, WA 98446-1628 253-536-3569

Neda Chryst, KC7UKL RCT #1997
1019 N Washington St
Tacoma WA 98406-5522 253-752-0604

Reinstatements

Address/Phone Changes/Corrections

Art Little, KC7RPG	253-847-2907
Harold Sanders, KA7MZA	253-474-9144
Artur Sikora, KC7YED	253-288-9438

New Calls/Upgrades

Jessica Palmer, KC7ZWM

Silent Keys

Upgrade Classes

Classes are being formed for upgrading to Advanced and Amateur Extra Class. Classes are planned for Monday or Thursday evenings from 7PM to 9:30PM fo 5 or 6 weeks. Call Jerry, W7BUN, at 253-845-7652 fo details or to register.

PINOCHLE

2 gatherings each month

Pinochle & Potluck - 7PM
1st Saturday of the Month
Ladies Pinochle - 12 Noon
4th Monday of the Month
Both gatherings at the Clubhouse.

Your Ad Could Be Here!

**Call, Shirley, N7QHW
at (253)265-3661 for info.**

SECOND BYTE
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ACCESSORIES,
PERIPHERALS,
AND UPGRADES
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Roy Richards
642 NE Woods Ct.
Bremerton, WA 98311
Voice/Fax: (360) 479-2619
E-mail: 2ndbyte@kendaco.telebyte.com

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LAW OFFICES OF
DOUGLAS K. SMITH, P.S.
(206) 471-1000
(800) 585-8500
AJ7Y

DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409

EARTH HISTORY according to Ham Radio

In a whimsical mood, here's a lighthearted look at ham radio history. The original version of this was posted on the Contest Reflector a few months back.

* 4 Billion BC–Earth is a swirling ball of flames. Propagation is extremely poor.

* 1 Billion BC–First dry land appears. It is divided up into grid squares.

* 500 Million BC–Second patch of dry land appears. First DXpedition; DXCC credit disallowed because of questionable licensing agreement.

* 400 Million BC–Flowering plants and grasses evolve. Rotary beam invented, but sales stall for lack of suitable mounting structures.

* 300 Million BC–First tree appears and is immediately cut down, stripped of branches, placed in a concrete base and called a telephone pole. Beam sales pick up.

* 200 Million BC–More beams sold. Installer falls from top of pole. Safety belt is invented.

* 100 Million BC–First mountain appears. The repeater is invented.

* 50 Million BC–CQ is adopted.

* 4 Million BC–Humans replace swine as dominant species. The name ham operator hangs on, however.

* 3 Million BC–Dugout canoe invented. Maritime Mobile Net formed on 14.313 MHz.

* 2 Million BC to 800 AD–Nothing much happens for a long time.

* 900 AD–Chinese invent gunpowder. BY1AA is first "Big Gun" DXer.

* 1790 AD–Ben Franklin invents long wire receiving antenna. Ground switch invented.

* 1961 AD–Second repeater erected. First repeater group refuses to change frequency. First repeater coordinator appointed.

* 1997 AD–Amateur Radio humor sinks to a new low.

▶▶▶ *ADDRESS CHANGES* ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail.
Send changes to: Radio Club of Tacoma,
PO Box 11188, Tacoma, WA 98411-0188
or give them to the club treasurer
at any club meeting.

Radio Club of Tacoma License Exams

FEBRUARY 10 , 1998

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: RCT for $6.25. For information call:
Shirley Murphy, N7QHW at 253-265-3661

ARES/RACES

As promised, here is the Part 2 of the Special Event Communications. This article appeared in the October 1997 issue of the ARNS newsletter and was reprinted by them from a handbook published by the Santa Barbara Amateur Radio Club(SBARC).

Enunciation and Pronunciation: Clear, distinct pronunciation is essential to communications, especially over the radio. Sloppy articulation includes lazy or mushy speech, slurring words, and running words together. Santa Barbara has a lot of Spanish names in its heritage and most of us learn the pronunciation by listening. When transmitting over the radio, use the commonly-used pronunciation. Don't talk with objects or food in your mouth. It makes understanding you very difficult. Of course, someone always calls you just as you take a bite of that sandwich you've been waiting an hour to eat, but take small bites so you can swallow quickly.

Emotions: It's sometimes difficult to not let your emotions show in your voice, especially when you're tired, angry, or busy. These emotions can be misunderstood by others. You may be very busy, but a curt response could be interpreted as your being surly, sarcastic, or angry, and now you have someone more concerned about your answer and intentions than about the talk at hand. Think before you speak. Know what you're going to say before you call Net Control. Always wait a second after you push the mike button before you talk. This will avoid clipping the first word or syllable of your message. This will also allow two or more repeaters which are "linked" together to complete the circuit before you start. Remember "Push-2-Talk." Push the mike button, count 1-2(to yourself), then talk. If you have a one-word answer, it's best to add a word or two before it. Instead of "one", you might say, "There is one person here." Or, "I say again, one".

N7QHW

Use expected phrases and words: Anything out of the ordinary may result in confusion and your having to repeat or rephrase. If your message is technical or unusual, slow down and warn your receiver, or put the event official on the radio to talk direct with the person he wants the message to go to. Use common words. Don't try to be funny with some "cutesy" phrase. Avoid slang: not everyone knows your jargon. It's OK and in fact necessary to use specialized terminology, but be sure your listener speaks the same "technical-ese". Speak in whole but brief sentences. That's what your listener expects to hear. Don't speak in shorthand. Don't ramble on and don't repeat your message by rephrasing it unless asked. Use plain English and no "10" codes or "Q" signals.

apa

Remember your ABCs:
ACCURACY
BREVITY
CLARITY

Standardization: Standards have been developed by various organizations to facilitate accurate, clear, and brief communications. These standards make communications easier, faster, and more accurate. The phonetic alphabet we use in amateur radio is the International Phonetic Alphabet and it is used by most organizations except law enforcement. Practice it so you can use it easily. Numbers also have a standard of pronunciation, both as individual numbers and groups of numbers. For example, 13 is said as "one three', 45 is "four five", 136 as "one three six", 500 as "five zero zero", and 1,478 is "one four seven eight". Number groups are also given as they are commonly written or spoken. For instance, the phone number 681-4100 is given as "six eight one" (slight pause) "four one zero zero". It is a good idea to learn and use 24-hour time. This avoids confusion between AM and PM and you will find it useful in other aspects of Amateur radio. "Prowords" are also very useful in standardizing how tw operators communicate. for instance, ":Say again?" replaces: "Could you repeat that, please?" "What did you say?" or, "I didn't hear your last transmission." By using a standard phrase, we know exactly what you've said an how to respond.

Try to send any message given to you exactly a it was received. This is why it's a good idea to have a pen and paper with you. If it is very detailed, put the official on the radio. Don't try to paraphrase or interpret a message; you could send the wrong information. When you receive a message to relay to your official, be sure you have it right before you acknowledge. If something is not clear, ask for a repeat. Write it down if you need to.

Net Control: The job of net control is to make sure traffic flows smoothly. Just as a traffic cop stands in the middle of the intersection and directs vehicles, the Net Controller is placed in the middle of a event net. Each case requires visibility to carry out the job. A traffic officer sees cars approaching and directs them according t the flow of road traffic. The Net Control operator directs message traffic so it flows in a smooth manner. Note that Net Control is a traffic facilitator. He or she does n have all of the answers; in fact, just the opposite is true. So don't come on and ask Net Control a question because he or she probably doesn't know the answer. Look at your assignment sheet for a likely contact, or briefly summarize your needs to Net Control.

Always listen before you transmit. It is quite annoying for someone to start talking right in the middle of someone else's conversation; it wastes air time, causes confusion, and makes the Net Controller very unhappy! Net Control operators keep written logs of everything that occurs on the net, including a summary of everything you say. The logs are useful as a reference during the event to answer questions that might come up. They are also the only legal documents kept about an incident and have been invaluable when questions arise later about such things as accidents. Always give the identification of the station you wish to call first, followed by your call. For example, "Net Control, this is Check Point Three."

Keep a copy of your event information sheet with you. This enables you to determine what Event Communicator is assigned to each location and/or official. When you need to pass a message, ask Net Control to "go direct" with that operator. For example, "Net Control, Check Point Three, request direct with Run Director". Net control will say, "Go Ahead". You say, "Run Director, Check Point Three". The communicator with the Run Director answers, he says, "Check Point Three this is Run Director. Go ahead". You then proceed with your traffic. At the conclusion of the exchange, each Event Communicator will sign off with his or her FCC call sign. Net Control is frequently very busy with work on other frequencies, the telephone, or other talks. If you call Net Control and don't get an immediate reply, be patient and call again in 30 to 60 seconds. If it is an emergency, say so. If you still get no answer, proceed with emergency traffic without Net Control. However, the reason you don't get an answer may be that you are in a bad location and not being heard; try moving to another spot and try again. If you have emergency traffic, use the word "Break". This word is for emergency traffic only! All communicators will immediately cease use of the frequency and yield to the breaking station.

Sometimes several stations have traffic or messages at the same time. Net Controllers usually like to solve one problem before moving to another. If you are asked to stand by, please do so. The Net Controller will get to you either in the order of your call or by the nature of your traffic. If you must move off your assigned frequency for some reason, advise Net Control when you leave and again when you return. If someone is having trouble with a radio, or some other kind of question comes up, don't jump in to help unless you are asked! It often causes much confusion, so let Net Control handle it. When your assignment is completed and you are ready to leave your position, "Check out" with Net Control. This insures we can account for all our people. If you go home without telling us, we have no way of knowing that you didn't fall down and break both your leg and your radio!

Now go have fun with amateur Radio!

Be active in your local ARES/RACES. If you do not have a State Workers Identification Card and want to volunteer, you need to get a card and here is how to do it. I extend a personal invitation to each of you to get involved.

If you have not joined ARES/RACES and would like to, contact Alan, KB7SVU, ARES Emergency Coordinator, at 253-840-4947 or Bob, KB7NBQ, RACES Radio Officer at 253-875-0577 or see Shirley, N7QHW, at any Radio Club of Tacoma meeting for an application.

For those of you that already have a card, remember, check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan, Bob or Shirley(info at the end of the article). Please find out which Fire District and Fire Zone you are in and let us know. Volunteers are still needed for manager positions, contact Alan or Bob to volunteer.

Remember these contacts: Alan, KB7SVU, ARES Emergency Coordinator, at 253-840-4947 or Bob, KB7NBQ, RACES Radio Officer at 253-875-0577 or see Shirley, N7QHW, at any Radio Club of Tacoma meeting for an application. 73, Shirley

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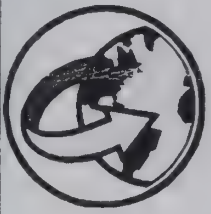
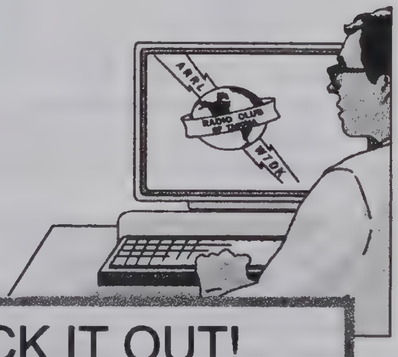


AMATEUR RADIO
Friendships
around the world!



CHECK IT OUT!

RCT Web Page:
www.mashell.com/~roblee/rct.htm

◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned by Roger, K8RN, from ARRL sources on the Internet.

W7BUN

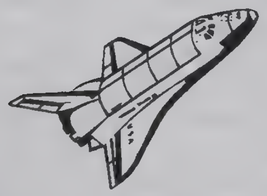
DXCC FEE HIKE EXPLAINED

New fees for the DXCC program that went into effect January 1 will only cover about one half of the program's substantial annual shortfall. The DXCC program costs at least $100,000 more each year to administer than it collects in user fees, despite greater efficiency and a smaller staff than in the past. The League posted a $700,000 operating loss in 1996.

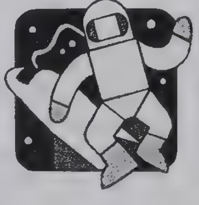
FCC ISSUES FIRST GATE 4 VANITY GRANTS

Be on the lookout for another round of new call signs. Right on schedule, on January 7, the FCC issued approximately 600 new call signs to those who were among the 900 or so who filed vanity call sign applications on December 2, the opening day for Gate 4! Another 300 or so applications ended up in the work in process (WIPs) stack and have been processed. The FCC issued another 79 vanity call signs on January 8.

MIR TO STAY UP A BIT LONGER; NEXT CREW TO BE ALL HAMS



News reports say that the 12-year-old Russian Mir space station may stay in orbit until the first components of the International Space Station are in place in 1999--a few months longer than planned. The first ISS units are set to be launched later this year. Hams are scheduled to be among the first crew members to populate the ISS, but the US presence aboard Mir will come to an end this June.



US astronaut David Wolf, KC5VPF, now aboard Mir, is scheduled to be replaced later this month by Australian-born US astronaut Andy Thomas, KC5CHF. Two new Russian crew members, both hams, are due to arrive at month's end. NASA has set January 22 as the launch date for the penultimate space shuttle trip to Mir. The shuttle Endeavour will carry supplies and a crew of seven, including Thomas.

Wolf's research schedule has allowed him little spare time to use the ham radio equipment aboard Mir. The packet system aboard the space station has been experiencing problems because the crew has not had time t set up the correct parameters for the new TNC aboar Mir.

The SAFEX repeater (downlink 437.950 MHz; uplin 435.750 MHz) has been active on an intermittent basis The crew has turned off the CTCSS tone feature of the repeater, making it easier for weak stations to access the repeater. However, this also means the repeater ma transmit noise and occasionally time out.

SPUTNIK PS2/RS-17 OFFICIALLY DECLARED DEAD

It's official. The Sputnik PS2/RS-17 mini-satellite is a silent key. It ceased transmitting on December 29, 1997. The little satellite, a one-third scale replica of the original Sputnik 1, beep-beeped its way around the globe for 55 days, more than two weeks longer than it had been projected to last. Th 200-mW transmitter was powered by lithium ba teries.

SIX METERS TURNS HOT FOR NEW YEAR

The new year arrived with a bang on six meters once again demonstrating why it's known as "Th Magic Band." Rick, K6SIX, was among those ben efiting from the apparent F2-layer propagation o New Year's Eve and New Year's Day available fro some parts of the US. "I thought it was going to be a grea start to 1998 when I worked ZF1DC," he said, "but just a hour later, I worked ZL3NW in grid RE66 on 50.125!"

Others also managed US-to-ZL contacts. "What a way t start the new year!!!" exclaimed Ron, K5LLL, who worke both ZL2TPY and ZL3NW just a few minutes into the ne year (GMT).

AES CHANGES HANDS

Amateur Electronic Supply has changed hands. The ne owner is Amateur Electronic Supply LLC, headed by Ph Majerus, a prominent Wisconsin businessman. Now in i 41st year, AES was founded in 1957 by Terry Sterma W9DIA, who became interested in ham radio by workin in his dad's electronics shop and went on to have substantial impact on the ham radio marketplace. Th retailer's current management team and most employe will remain in place. The company, headquartered Milwaukee, Wisconsin, has branches in Ohio, Florid and Nevada.

MINUTES

RADIO CLUB OF TACOMA, INC.
BOARD MEETING MINUTES
JANUARY 7, 1998

The Radio Club of Tacoma's Board meeting was called to order at 7:30 PM by President Roger Terwilliger, WA7ANJ. Other club officers present were Secretary Alan Allen, N7EAY, Treasurer Shirley Murphy, N7QHW, and Vice President Alan Hughes, KB7SVU, with Board members Al Burleson, K7HW,Mike Crawford, WB7DFQ,Morel Guyot, W6LIX, Bill Shimmin, W7GBC and Lou Simmons, KB7WDB. Guests present were Merle Handy, W7QLG, Auther Ives, AA7EO, Nora Simmons, KC7JME, David Dodd, WB7AUJ, Roger Nace, K8RN and Danny Hermosillo, KC7CUQ.

TREASURER'S REPORT

Treasurer's report is approved.

General Fund Checking	$1089.58
Repeater Fund Checking	360.10
Packet Fund Checking	372.57
License Class	171.41
Scholarship Working Fund	700.00
Flea Market	500.00
Murphy Favre Savings	13,536.83
Scholarship Memorial CD	2,982.70
Cash on Hand	23.50
Total all funds	$19,736.60

Paid memberships to date are 227

CORRESPONDENCE: Information about the West Salem Oregon Flea Market on Feb. 21st. Mike and Key Club Information for Flea Market at Puyallup Fair Grounds.

COMMITTEE REPORTS:

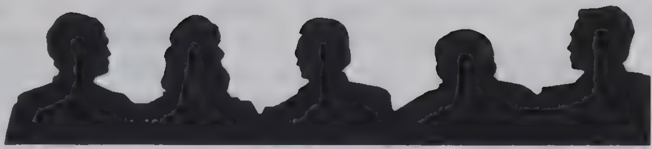
TRAINING: Bill Shimmin, W7GBC, reports classes will be on Feb. 7th and 8th at the Clubhouse.

He reports that there will be new changes coming. Jerry, W7BUN, reported to Bill that there is no interest for a general and advanced class at this time.

CLUBHOUSE: Lou, KB7WDB, reported that the gutters on the clubhouse will be replaced in the near future. Also, he will continue making improvements upstairs and in our displays.

FLEAMARKET: Al, K7HW, will begin reserving the fleamarket site and date soon. Other sites are still under consideration, and the date also is still pending.

FIELD DAY: David, WB7AUJ, is looking at sites for the 1998 field day in June. Mike, WB7DFQ, will help chair this year.



PUYALLUP FAIR: Shirley, N7QHW, will be Chairperson for the 1998 Puyallup Fair W7DK booth.

BARK: Roger, K8RN, reports that the Bark is on schedule and must have articles by the 15th of each month.

ARES/RACES: Al, KB7SVU, reports meeting with Emergency Management from Kitsap, Mason, Pierce and King Counties. Al reported that exercises will be on Sept 22nd of this year. Future dates are coming. Kitsap County repeater freq. is 145.43, tone 179.9 and has a net on Sundays at 7:30 pm. New ARES e-mail address is ares wwalist@eskimo.com. Mail can be requested at that e-mail address.

OLD BUSINESS: Al, KB7SVU, report that ARES/RACES are picking-up since the Radio Club of Tacoma has taken an interest. Many events will be happening, so volunteers are needed.

NEW BUSINESS: Mike, WB7DFQ, made a motion that a new lock be installed on the front door.

Seconded by Al, K7HW. Passed.

Shirley, N7QHW, moved to pay all bills for the RCT in 1998. Seconded by Mike, WB7DFQ. Passed.

Shirley, N7QHW, discussed the proposed Budget for 1998. Mike ,WB7DFQ, moved that the budget be accepted, seconded by Al, K7HW. Passed.

Shirley, N7QHW, informed the board that the annual audit is needed for the Treasurers books. Mike, WB7DFQ, moved that the board approve the audit. Seconded by Al, K7HW. Passed.

Al Hughes, KB7SVU, reported he has some interesting ideas for programs in 1998.

GOOD OF THE ORDER: Roger, WA7ANJ, suggested that we continue welcoming visitors at the meetings. Also that door prizes be started again.

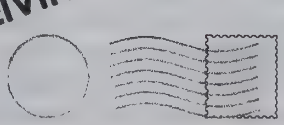
Mike, WB7DFQ, suggested that a plan for remodeling the club house in the future be looked at by the Board. Shirley, N7QHW, was appointed as Chairperson. The meeting was adjourned at 9:00 pm.

Repectfully submitted,
Alan Allen, N7EAY, Secretary
Radio Club of Tacoma

ATTEND
CLUB
EVENTS

SPECIAL
SERVICE
CLUB

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO
CONTINUE RECEIVING YOUR BARK



LUNAR PROSPECTOR MONITORED

Well-known VHF-UHF op Al Ward, WB5LUA, in the Dallas, Texas, area has monitored a signal from the just-launched Lunar Prospector on 2272.998 MHz using the 5-meter dish he uses for EME work at 2.3 GHz. Ward reports he heard the signal January 8 at around 0500 UTC at "5 to 10 dB over noise, a steady carrier." He estimated that the Lunar Prospector was about one-quarter of the way to the moon--or about 60,000 miles away. Ward has submitted a report to NASA.

WISCONSIN HAMS EYE BILL

Hams in Wisconsin plan to monitor a bill to be introduced in the next legislative session that could have implications for ham radio mobile operators. The measure states in part, "No person while driving a motor vehicle shall be so engaged or occupied with the use of a mobile telecommunications device as to interfere with the safe driving of such vehicle or as to impede the normal and reasonable movement of traffic." While the bill is aimed primarily at cell phone users, Wisconsin hams will keep a close eye on the measure to make sure ham radio is not adversely affected.

NEW YORK HAMS HELP IN ICE STORM RECOVERY

Hams in upstate New York continue to respond to the weather emergency caused by ice storms that hit the Northeast. But more bad weather could be on the way to the affected areas. Albany County ARES was activated January 8 to assist the American Red Cross. A state of emergency was declared in five upstate New York counties. National Guard units were dispatched January 9 to assist in recovery efforts. Five Eastern New York hams are assisting at Red Cross Shelters in Malone, in Franklin County.

The ice storms caused massive power and telephone outages in New York's northern counties up to the Canadian border and west as far as Watertown, and east to Burlington, Vermont. In New York alone, as many as 85,000 were reported still without power. Major problems continue throughout the Northeast, including Vermont, New Hampshire, and Maine

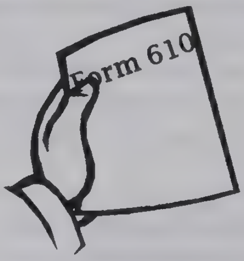
Vice President Al Gore visited the ice-storm stricken areas of Maine this past week. While there, he got a chance to visit via ham radio with Clarence Rider, AA1PN, in Exeter, Maine, to get an idea of how the weather emergency had affected residents in that part of the state. Gore spoke from the RACES station at th State House in the capital city of Augusta.

AMSAT-NA CONSIDERS COMMERCIAL VENTURES

AMSAT-NA President Bill Tynan, W3XO, says AMSA may go commercial to keep its Orlando, Florida, La afloat. In an interview, Tynan told the 200th meeting o the Houston AMSAT Net January 6 that AMSAT needs t keep the Orlando Integration Lab "or a facility of tha type" going and that the organization is looking int several commercial ventures to help fund future project and activities. Tynan said revenue from commercial projects would give AMSAT flexibility in pursuing futur Amateur Radio satellite projects and additional commercial work.

FCC "INTERNET FEE" NOTICE IS OLD NEWS

The FCC's trying to staunch a flow of e-mail concerning non-existent issue. Several individuals, including som hams, have circulated or posted "warnings" on the Packe BBS systems and the Internet concerning the possibilit that telephone companies would be permitted to charg by the minute for Internet access. The "warning" mentioned a February 1998 date to send comments to th FCC. In short, this is old news. The FCC now has posted the following on its Web site: "There is no open comment period in this proceeding. If you have recently seen a message on the Internet stating that in response to a request from local telephone companies, the FCC is requesting comments to isp@fcc.gov by February 1998, be aware that this information is inaccurate."



If you need to file a Form 610 with the FCC, be sure you have the NEW Form 610.

THE "DOC SPIKE" INSPIRATIONAL AWARD FOR 1997

Since 1974, the "Doc Spike" Inspirational Award has been presented annually to members of the Radio Club of Tacoma who through their enthusiasm, devotion, and actions have done the most to promote amateur radio, ensure the success of the club, and best emulate the first recipient, Dr. Clifford J. Spike, W7OS.

This recipient for 1997 has shown great enthusiasm for amateur radio and the Radio Club of Tacoma. He has provided service to the club by his participation in Field Day each year without fail, attendance at club meetings, public service by his participation in ARES/RACES events, mailing parties and his unwavering loyalty not only to Amateur Radio but to the Radio Club of Tacoma. He is probably best known for all the antennas that he and his buddies put up each year at field day in hopes of getting that ever so unique contact with that ever so unique antenna.

He has worked regularly at the clubhouse in the club museum with his buddies. All have been able to build and operate CW on a very old style transmitter and work towards the goal of a functional antique museum. The group has also been traveling with an antique set up for demonstration at flea markets. He is also well known as the instigator of the famous "Whiskey Group".

He has truly been an inspiration to others in the club. In grateful appreciation, the "Doc Spike" Inspirational Award for 1997 is presented to:

WORTH GURLEY,
W7WG

Radio Club of Tacoma Appointees and Committees

1. Activities
2. ARRL Liaison
3. Assistant Treasurer for Tax Matters
4. Awards Banquet / Christmas Party
5. Badges
6. Bloodbank
7. Building Maintenance
8. W7DK Club Station Trustee
9. W70S Antique Station Trustee
10. Club Visitations
11. Contests
12. Education
13. Elmer Program
14. Equipment Custodian
15. Field Day
16. Flea Market
17. Generators
18. Grounds
17. Historian
18. Legal – Regulatory
17. Librarian
22. Logger's Bark Editor
23. Logger's Bark Printing
24. Logger's Bark Labels
25. Logger's Certificates
26. Member's Pictures
27. Membership
28. Mother's Day Breakfast
29. Museum Curator
30. Nominations -Elections
31. Open House Coordinator
32. Program Chairman
33. Public Information and Relations
34. Puyallup Fair Booth
35. QSL Manager
36. Radio Officer (Station Manager)
37. Repeater Committee
38. Scholarship
39. Technical Committee
40. Traffic Handling
41. TVI and RFI
42. Volunteer Examiners Team Chairman
43. Public Service Events (ARES, RACES)
44. Keys
45. Phone Committee (Phone Tree)
46. Share-a-Ride
47. Transmitter Hunts
48. Tuesday Evening Net
49. W7DK Packet Bulletin Board
50. Long Range Planning Committee

1/10/98 Thanks! to W7BUN

Editor's Note: This list is probably incomplete, but it does give us all some idea of the opportunities available. Some of these already have folks working them. More help and backups are always needed. Think about where you might fit in the big picture...

1998 BUDGET

Our current bylaws require that the Treasurer propose a budget for Board approval and that the approved budget be published in the Logger's Bark. The bylaws also call for the Board to manage expenditures within that budget.

The following is the 1998 Budget. If more detail is desired than is printed here, you may contact any member of the Board as they each have a copy of this budget and are provided monthly reports on our expenditures as related to the budget.

INCOME	
Dues	$ 7072.00
Commissions	555.00
Education	1200.00
Bark	228.00
Donations	1135.00
Sales	500.00
Fund Raiser	8000.00
Transfer from Savings to General Fund	3000.00
TOTAL	$21,690.00

EXPENSES	
Clubhouse	$ 900.00
Education	1635.00
Equipment	395.00
Events/Training	6040.00
Fees	100.00
Insurance	1205.00
Misc Expense	550.00
Museum	150.00
Office	3275.00
Packet	200.00
Postage	1120.00
Radio Station	550.00
Rent	930.00
Repeaters	200.00
Taxes	1750.00
Telephone	790.00
Utilities	1700.00
Youth Programs	200.00
TOTAL	$21,690.00

DUES RENEWAL

RADIO CLUB OF TACOMA

W7DK

Amateur Radio Exams

in the Puget Sound Region as of October, 1997

1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 1 PM - Boeing Recreation Center - 2264 83rd Ave So, **Kent** - Contact Burt Mendez, KB7ZCW 824-2785, Seattle

2nd Tuesday - 6:30 PM - **Everett** - Cascade High Schoo - 801 E. Casino Rd - Contact Larry Luchi, W7KZE 355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacom** Clubhouse - Contact Shirley Murphy, N7QHW, 265 3661

2nd & 4th Thursdays - 7:00 PM - **Ft. Lewis** Radio Clu - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 1406 Interurban Ave, South - Contact Harry Lewis W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - **Ferndale** - American Legio Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384 0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Good Neighbor Cente 305 S. 43Rd St - Contact Mike Dinkelman, WA7UV 854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Caf Highway 2 - Contact Dave Axe, 793-2526, W7AG Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesan** High School - Pearsall Center, 2109 Sumner Ave next session - September 21 - Contact Nick Bende NX7W, 249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activit Center, 6400 36th Ave. West - Contact Dwayn Broderson, KG7WR, 542-0285, Seattle

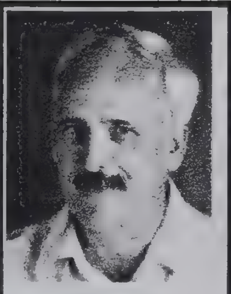
4th Saturday - 10 AM - **Marysville** - Library - 482 Grove St. - Contact Loren Hole, KK7M, 335-525 Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-11 Technical Bldg, Olympic College - Contact Dav Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 1230 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

CONTESTING



WB7AUJ

A belated Happy New Year to one and all. I have already broken one of my new years resolutions... to write a column ever month for the Bark. Oh well, better luck next year.

There are three major contests in February. First up is the 10-X Winter SSB QSO Party the week-end of February 7-8. For those of you who are not familiar with 10-X, 10-X International is an organization that promotes activity on the 10 meter band. They have an awards program, sponsor contests, have a national convention. Local groups (called chapters) also offer awards (Certificates, trophies). With the increase in sun-spot activity, there should be quite a bit of activity outside the local area. Give it a try.

The next week-end (14-15) is the World-Wide RTTY WPX Contest. I forgot about the ARRL RTTY Contest the first week-end in January but hope to remember this one. RTTY for me is fun because you don't have to yell into a microphone all week-end. Being able to type does come in handy. If you have digital capability, give it a try. There will be plenty of stations to work.

The last is the ARRL CW DX Contest (week-end of 21-22). For those that have not liked fighting the crowds on 20 meters, there should be activity on 15 meters this year. Maybe even 10 meters.

For those who don't want to spend a whole week-end contesting, there are the North American Sprints (SSB - Feb 8, CW - Feb 15). These are a four hour contest on Sunday afternoon-evening.

For the 160 enthusiast, there is the CQ WW 160 SSB contest Feb 27- Mar 1.

If you have any questions on these or any other contests, feel free to give me a call. My phone number is (253) 584-3620. (I live in Steilacoom.)

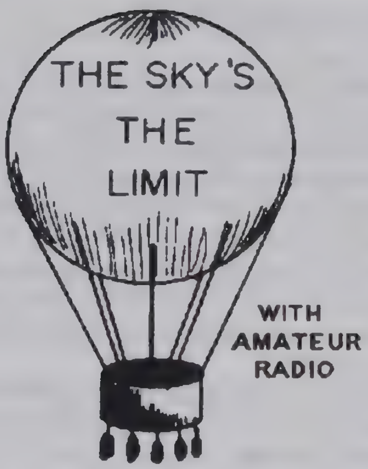
73 and may the sun-spots smile on your contesting. David Dodd, WB7AUJ

****

Recently, The People's Republic of China's national organization, the CSRA, set out on an ambitious endeavor to encourage more interest in amateur radio. They handed out 10,000 three watt transceivers. They have the prefix BD or BG and can be found on 29.6 FM.

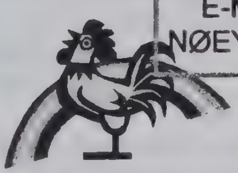
****

Give a call! You may be surprised who answers your CQ. Still vivid in my mind is one of my early mobile operations. My wife and I had gone over to the Pacific coast north of Ocean Shores. Sitting on the beach, I tuned up on 15 meters and called CQ. Much to my surprise, back came a JA (Japan).



Editor's Notes

de NØEYK



E-Mail address:
NØEYK@excell.com

Here we are in California, still in the rain and mud. Today is supposed to be nice when the fog burns off.

Last weekend we took a vacation and went to a kitemaking retreat on the Oregon coast. It was a very intensive time and we learned a lot about making the tools of another of our favorite hobbies. For more of the story and pictures, check our web page: excell-net.excell.com/~rnace.

There are many opportunities for all of us to work in the club to make our club more alive. There is a partial list of these opportunities (it is OK to come up with others too!) in this issue of the BARK. I hope that many of you will find a new spot or spots to put your talents to work. Together we can make OUR club better. You all know the old addage "many hands make light work." You also know that it is true! Pitch in and make our club happen!!!

See you next month from Phoenix.
73, Kathleen

SCHEDULE YOUR SWAPMEET VISIT IN 1998!

Feb. 21 Salem Hamfair, Rickreall, OR
March 7 Mike and Key Fleamarket, Puyallup, WA
March 28 Eugene Hamfest, Eugene, OR
May 29-31 SeaPac, Seaside, OR

OUR SAILING HAMS

1/16/98

Hello. This is Marilyn, KB7PCT, calling you from sunny Puerto Vallarta (PV), Mexico. Its been rumored down here that you've been having some snow, cold, rain and wind up there. I talked to Mac, W6NBD, last weekend on 14.292 and he said it was 25 in Gig Harbor. Its hard for us to believe that its winter as its consistently in the 80s down here. Cools off to high 60s at night. If we get too hot, we just walk over to the pool and take a dip. They refer to this as the Mexican Riviera and its easy to understand why as the weather is very pleasant. Clouds are rare and we haven't seen rain since we were in Cabo the first part of November.

We're still in Marina Vallarta so ham sending and receiving isn't always the greatest. Everyone seems to have difficulty getting "out." The marina itself is almost circular with lots of power and sailboats. Surrounding the marina are several six-story condos full of re-bar. So, between the masts, antennas and steel, the radio signals are somewhat garbled.

Last Sunday I was trying to reach Mac on 14.292 and who should I hear but N7GAV, Norm, Stef's cousin in Friday Harbor. Amateur radio makes it a small world. We hadn't talked to Norm on the radio since last summer on 2 meters and it was great that he dusted off his HF set. I should add that we weren't in the marina then, we were anchored out in beautiful Banderas Bay.

Even though ham communications here in the marina are challenging, those people who are able to get out monitor the cruiser nets and then relay pertinent information to the rest of the cruisers over the VHF marine nets. This morning we heard that three cruisers had their dinghies and motors taken last night while anchored in one of the more remote anchorages. We've all been warned to always hoist the dinghy out of the water at night. None of these were. This is an isolated incident; we've found the Mexicans to be very kind and honest.

Some of the more permanent cruisers are trying to form a ham club here in PV. Perhaps you could be their "sister city." That would, of course, necessitate some exchange visits!

Our best to you from paradise. Stef, KB7PKF, and Marilyn, KB7PCT

ONE WEEKEND TECHNICIAN CLASS

RADIO CLUB OF TACOMA - FEB 7 & 8 - 9 AM - 5 PM

Come and Learn What You Need to Know!

Pass Your No-Code Technician Examination!

To Register Call:

Bill Shimmin 253-584-1086
or
Al Burleson 253-474-9023

Bring a Sack Lunch · Class Fee: $10 · Book Available: $19

RADIO CLUB OF TACOMA DUES RENEWAL FORM

CT BYLAWS SECTION TWO - MEMBERSHIP FEES AND ASSESSMENTS

B) DUE DATE. Membership shall commence with the tender of a properly completed application and appropriate fee to any club fficer. Annual membership dues will be paid in advance, in total on or before December 31 of each year. Renewal notice may be rovided in the club newsletter. Dues not received by March 31 of the current membership year shall be considered in arrears at hich point membership and all rights and privileges therein will be terminated without further notice.

In order for our records to be as accurate as possible, please fill in the following information ven if you feel there is nothing different for you that we may already have on record.

EMBERSHIP TYPE: FULL ☐ SENIOR ☐ ASSOCIATE ☐ STUDENT ☐

AME________________________________CALL____________

DDRESS____

ITY____________________STATE________ZIPCODE + 4____________

-MAIL ADDRESS______________________________________

ELEPHONE(PLEASE INCLUDE AREA CODE)____________________

RRL MEMBER ☐ YES ☐ NO LICENSE CLASS____________

] FAMILY MEMBER:
AME________________________________CALL____________
ICENSE CLASS____________________
AME________________________________CALL____________
ICENSE CLASS____________________
AME________________________________CALL____________
ICENSE CLASS____________________

ULL(regular membership for licensed amateurs)	$20.00
ENIOR(65 YEARS OR OVER)	$16.00
AMILY(spouses and dependents living in same household as full member)	$4.00 per person
SSOCIATE(interested persons not licensed as an amateur--has no vote)	$20.00
TUDENT(available to Full or Associate up to age 25 attending school full time)	$10.00
IFE(available to Full or Associate or Family members-- dues are 20 times the appropriate membership fee--see bylaws for further payment options)	$400.00(full or associate) $80.00(per family member)

Send completed form with payment to Radio Club of Tacoma P.O. Box 11188 Tacoma WA 98411-0188 or bring to any meeting and give to the club Treasurer.

Please indicate your areas of interest for each activity listed by marking an x on the line provided

________HF SSB
________HF CW
________HF Mobile
________SSTV
________ATV
________Construction
________QRP
________VHF/UHF SSB
________VHF/UHF CW
________VHF FM Mobile
________UHF FM Mobile
________Antennas
________Traffic Handling
________ARES/RACES
________DX
________Computers
________RTTY
________Facsimile
________Teaching
________Field Day
________Being an Elmer
________Contesting
________Certificates
________Satellites
________VHF/UHF Packet
________HF Packet
________EME (Moonbounce)

would be interested in helping on one or more of the following club committees:

- ☐ Packet
- ☐ Flea Market
- ☐ Field Day
- ☐ RFI/TVI
- ☐ Bark Mailing
- ☐ Repeater
- ☐ Teaching/Training
- ☐ Antennas
- ☐ Scholarship
- ☐ Social Activities
- ☐ Contest
- ☐ Museum
- ☐ Computer
- ☐ Long Range Planning
- ☐ VE Testing
- ☐ Emergency Communications
- ☐ Clubhouse Facilities
- ☐ Club HF Station
- ☐ WWA Puyallup Fair Booth
- ☐ Legal Concerns

FEEL FREE TO MAKE ADDITIONAL COMMENTS ON THE BACK OF THIS FORM

3/98

MAR
1998

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

ADDRESS SERVICE REQUESTED

NON PROFIT ORG.
U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

COMING EVENTS

MAR 4- Board Meeting - Clubhouse, 7:30 PM - All members welcome.

MAR 7 - 8 - ARRL International DX Contest, Phone

MAR 7 - Mike and Key Flea Market, Puyallup Fairgrounds

MAR 7 - Pinochle Potluck - 7 PM at the Clubhouse

MAR 10 - License Exams - 7 PM - Clubhouse

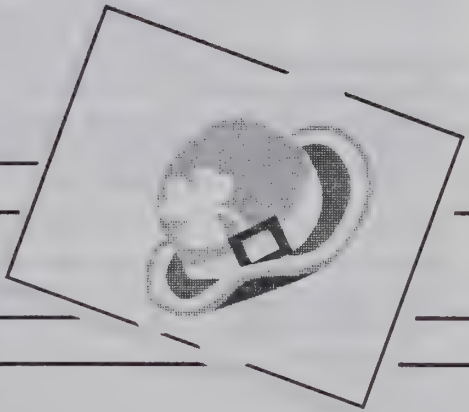
MAR 11 - Club Meeting - Library Administration Center, 7:30 PM

MAR 15 - BARK deadline (Early is GREAT!)

MAR 23 - Ladies Pinochle - Noon at the Clubhouse

MAR 25 - Club Meeting - Library Administration Center, 7:30 PM

MAR 28 - 29 - CQ World Wide WPX Contest, Phone



Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.

HAPPY ST. PATRICK'S DAY!

RADIO CLUB OF TACOMA DUES RENEWAL FORM

RCT BYLAWS SECTION TWO - MEMBERSHIP FEES AND ASSESSMENTS

(B) DUE DATE. Membership shall commence with the tender of a properly completed application and appropriate fee to any c officer. Annual membership dues will be paid in advance, in total on or before December 31 of each year. Renewal notice may provided in the club newsletter. Dues not received by March 31 of the current membership year shall be considered in arrears which point membership and all rights and privileges therein will be terminated without further notice.

In order for our records to be as accurate as possible, please fill in the following informati even if you feel there is nothing different for you that we may already have on record.

MEMBERSHIP TYPE: FULL [ ] SENIOR [ ] ASSOCIATE [ ] STUDENT [ ]

NAME________________________________CALL______________

ADDRESS____

CITY____________________STATE_______ZIPCODE + 4______________

E-MAIL ADDRESS____

TELEPHONE(PLEASE INCLUDE AREA CODE)___________________________

ARRL MEMBER [ ] YES [ ] NO LICENSE CLASS______________

[ ] FAMILY MEMBER:
NAME________________________________CALL______________
LICENSE CLASS____________________
NAME________________________________CALL______________
LICENSE CLASS____________________
NAME________________________________CALL______________
LICENSE CLASS____________________

===

FULL(regular membership for licensed amateurs)	$20.00
SENIOR(65 YEARS OR OVER)	$16.00
FAMILY(spouses and dependents living in same household as full member)	$4.00 per person
ASSOCIATE(interested persons not licensed as an amateur--has no vote)	$20.00
STUDENT(available to Full or Associate up to age 25 attending school full time)	$10.00
LIFE(available to Full or Associate or Family members--dues are 20 times the appropriate membership fee--see bylaws for further payment options)	$400.00(full or associate) $80.00(per family member)

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Tacoma WA 98411-0188 or bring to any meeting and give to the club Treasurer.

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_______HF SSB
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_______SSTV
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_______VHF FM Mobile
_______UHF FM Mobile
_______Antennas
_______Traffic Handling
_______ARES/RACES
_______DX
_______Computers
_______RTTY
_______Facsimile
_______Teaching
_______Field Day
_______Being an Elmer
_______Contesting
_______Certificates
_______Satellites
_______VHF/UHF Packet
_______HF Packet
_______EME (Moonbounce)

I would be interested in helping on one or more of the following club committees:

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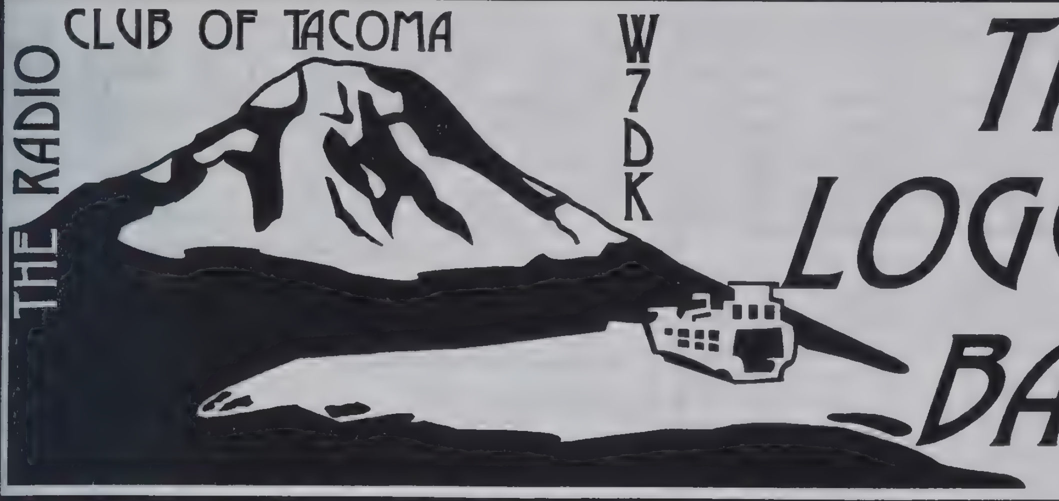
[ ] Bark Mailing
[ ] Repeater
[ ] Teaching/Training
[ ] Antennas
[ ] Scholarship
[ ] Social Activities
[ ] Contest
[ ] Museum
[ ] Computer
[ ] Long Range Planning
[ ] VE Testing
[ ] Emergency Communications
[ ] Clubhouse Facilities
[ ] Club HF Station
[ ] WWA Puyallup Fair Booth
[ ] Legal Concerns

FEEL FREE TO MAKE ADDITIONAL COMMENTS ON THE BACK OF THIS FORM

THE RADIO CLUB OF TACOMA
W7DK



THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXV NR. 3 W7DK MARCH 1998

FROM THE PRESIDENT

WA7ANJ

My sincere thanks to Kirk, W7GCI, for the time and effort provided to RCT in bringing the W7DK Packet Station up to standards! For a while, we were spending a lot of time at the clubhouse. It would have taken us a lot longer, but he wouldn't let me help! The station is working very well, and utilization is picking up. Jump right on in!

For the Good-of-the-Order, I loaned my "little blue book" to Mick, KC7TVM, our PR (Public Relations) guy. He wants to get ahead of events instead of playing catch-up. He's getting serious about leading the pack. He believes a historical report has some value, but a good PR campaign can make that report a lot more fun to read! And MAKING history is more exciting than READING about it! In this case. Any events or ideas that YOU would like to see happen, or be involved in, give us a call and we'll spread the word!

I asked the members at the February 11 meeting to come up with something that would be fun and require a response from other members. Such as putting on a presentation, or making arrangements for a special event; a QSL card-making contest (see page 3 for a quick sample of 'do-it-myself'), a project that involves members of all ages, license class and interests. With the talent and experience in this club, it should be a done-deal in a New York minute! Speaking of New York (I was wondering how to work that in...), George, KK7FM, mentioned that his former Radio Club in New York had a reward system based on points earned during the year for participation in Club Activities: attending meetings, teaching a class, making a presentation, building a project - you get the idea. The reward could be a trip to MacBurger's, a club jacket, free parking at the club house. Let us know how you feel about this.

ARES/RACES is becoming more dominant in our short range plans. Please try to sign up and help our club promote Amateur Radio at it's best!

I best not forget our 38th anniversary early in the month! Bobby always says, "If you want this marriage to last , Bub....". I have to watch my step - she STILL introduces me as her "...first husband, Roger...".

Have FUN with Ham Radio! 73, Roger

▶ **ARRL NEWS** - See you next month!

▶ **NO CODE TECH CLASS** - Page 7

This may be your LAST BARK if you have not paid your 1998 dues...

Dues are in arrears if you have not paid by December 31 of each year. Dues can be mailed to the Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411 or pay them in person at any club meeting to the club Treasurer.

There is a Dues Renewal Form later in this issue of the Bark (page 12). When you renew, please fill out the form and include it with your dues payment so our records can be as up to date as possible. Thank you very much.

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will not forward Third Class Bulk Mail.

RADIO CLUB OF TACOMA -- 1998

PRESIDENT	ROGER TERWILLIGER	WA7ANJ	475-4293
V PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
SECRETARY	ALAN ALLEN	N7EAY	475-7413
TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
BOARD (5)	AL BURLESON	K7HW	474-9023
	MIKE CRAWFORD	WB7DFQ	531-4789
	MOREL GUYOT	W6LIX	838-5433
	BILL SHIMMIN	W7GBC	584-1086
	LOU SIMMONS	KB7WDB	847-5124
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	ROGER NACE	K8RN	xxx-xxxx
	DICK RYAN	W7RGD	627-0922
	JERRY SELIGMAN	W7BUN	845-7652
PHOTOGRAPHER	STAN WARBURTON	N7KMF	535-6015
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	JERRY SELIGMAN	W7BUN	845-7652
COMPOSITOR	KATHLEEN NACE	N0EYK	xxx-xxxx
PUBLISHER	W7DK PRESS	N7QHW	265-3661

◆ ◆ ◆

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@excell.com or mail (slow!) to Kathleen Nace, N0EYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

THE LOGGER'S BARK, OFFICIAL PUBLICATION OF THE RADIO CLUB OF TACOMA, IS PUBLISHED MONTHLY BY W7DK PRESS, PO BOX 11188 TACOMA, WA 98411. THE PUBLICATION IS MAILED FROM TACOMA, WA 98411 UNDER 3rd CLASS BULK, NON-PROFIT ORGANIZATION, US. POSTAGE PAID TACOMA, WA. PERMIT #1078.

POSTMASTER SEND ADDRESS CHANGE TO:
THE LOGGER'S BARK, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma
147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Clive Tobin, KC7ZLF RCT # 199
12315 Vickery Ave E
Tacoma, WA 98446-3241 253-538-036
tobin@nwus.com

Robert A Osborne, KC7ZLH RCT # 199
4219 N Alki St
Tacoma, WA 98407-5712 253-761-122
molarmech@prodigy.net

Fred Park, W9VLF RCT # 200
4115 144th Street Ct NW
Gig Harbor, WA 98332-8006 253-857-873
fpark@bigfoot.com

Reinstatements

Nana Warburton, N7OIX (was Nana Downey)
2425 Carlsbad Ct S
Puyallup, WA 98374-1300 253-845-902

Leonard Shumway, N7MOQ
16022 126th Ave E
Puyallup, WA 98374-9641 253-770-794

Address/Phone Changes/Corrections

Mike Piechowski, KC7UFV
4812 E B St
Tacoma, WA 98404-1322 253-927-407

Mark Weitzenhoffer, KC7FAA
32601 35th Ave SW
Federal Way, WA 98023-2665

Evelyn Butler, KA7JCH delete the e-mail address

Joe Bushnell, WA7BLE add e-mail address
grandbsh@techline.com

Harry Price, KB7JQM
10400 NE 72nd Ave #6
Vancouver, WA 98686-6061 360-546-33

New Calls/Upgrades

Alicia Deery was KC7ZLI; is now K7EXS
Tony Zuger was KA7MIB; is now W7AGZ

Silent Keys

Peter Rito, NJ7G
William B. Levin, KC7JA

PINOCHLE

2 gatherings each month

Pinochle & Potluck - 7PM
1st Saturday of the Month
Ladies Pinochle - 12 Noon
4th Monday of the Month
Both gatherings at the Clubhouse.

WA7ANJ

TNX FOR FB QSO PSE QSL TNX

Roger A. Terwilliger
5402 East 'K' Street
Tacoma, WA 98404-2615

Kenwood TS-120S
MFJ 949 - E Tuner
Butternut HF6V - X

Have Fun with HAM RADIO!

Confirming Date Time MHz RST 2-way

SECOND BYTE

NEW & USED MS-DOS COMPUTERS

ACCESSORIES, PERIPHERALS, AND UPGRADES

N7ARO

Roy Richards
642 NE Woods Ct.
Bremerton, WA 98311
Voice/Fax: (360) 479-2619
E-mail: 2ndbyte@kendaco.telebyte.com

ACCIDENT & BODILY INJURY
LAW OFFICES OF
DOUGLAS K. SMITH, P.S.

(206) 471-1000
(800) 585-8500

AJ7Y

DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409

Thanks to the family of Gene Dodge, W7BTV

After becoming interested in an attempt to become a radio ham, you start saving goodies that you know you will use in making an operable radio station. The goodies seem to increase in quantity, until all of a sudden you have created a sizable junk box of parts.

Very recently, a dear friend and a member of the Radio Club of Tacoma for many years became a silent key. His name is Gene Dodge, W7BTV. He had accumulated many items in his junk box that are of no use to his wife and family. An inventory indicated which parts were sellable and which parts would be donated to the radio club to be given to prospective Hams and experimenters. This action has taken place so there now numerous people attempting to put those parts to use. Thank you Gene Dodge and Family.

73 Mac Parks, W6NBD

ARRL
RADIO CLUB OF TACOMA
W7DK

CHECK IT OUT!

RCT Web Page:
www.mashell.com/~roblee/rct.htm

▶▶▶ *ADDRESS CHANGES* ◀◀◀

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Radio Club of Tacoma License Exams

MARCH 10 , 1998

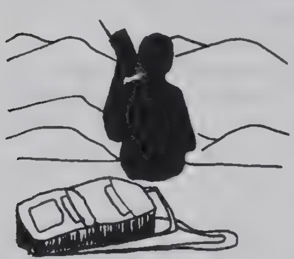
7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: RCT for $6.25. For information call: Bill Shimmin, W7GBC **at 253-584-1086**

ARES/RACES

There are lots of things that will be happening which require communication support in the spring. To begin with, in April, there will be a "hospital exercise" involving hospitals in King, Kitsap, Pierce and, I believe, Mason counties. This exercise is being done on April 22, 1998 which is midweek, So those of you who don't work, please consider giving us a hand. Also in April is the Daffodil Parade and the Multiple Sclerosis walk. Both occur on April 18, 1998 so this means lots of volunteers for one day. Contact Alan Hughes, KB7SVU, at 253-840-4947 if you can help out with any of these events.



In addition to the above needs, there are still needs for leadership positions to be filled in ARES/RACES. There are some zone leadership positions, hospital leadership position, and public service event leadership position. Remember the Radio Club of Tacoma has committed to support ARES/RACES by providing support for public service events. Please volunteer.

If you can help with any of the above events or leadership positions, contact Alan, KB7SVU, at 253-840-4947 or Bob Tilley, KB7NBQ, at 253-875-0755.

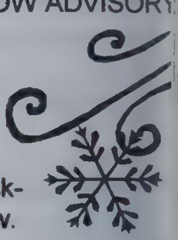
Last November, I attended a SKYWARN training session put on by NOAA. I thought it was a superb training session and really interesting. The result of this training is I am now an official SKYWARN WEATHER SPOTTER. Also attending that same session from our club were Roger Nace, K8RN, and John Ege, KC7FGG. It is great fun and it is a service that the NOAA folks really appreciate. There will be more training sessions in 1998 so if there is an interest, let me know and I will make announcements of when and where when I have access to that information. Following is an article that appeared in the Amateur Radio News Service February 1998 issue.

SKYWARN WINTER WEATHER TERMS

Whether you participate in SKYWARN, or just monitor NOAA Weather Radio occasionally, the following definitions will come in handy. This information was provided by John Holmes-N3IGA, the Lehigh Valley SKYWARN coordinator and was reprinted from the December 1997 issue of the "W3OK Corral", the newsletter of the Delaware-Lehigh ARC, Clarence Snyder, W3PYF, Editor.

N7QHW

ALERT TERMINOLOGY: The following advisories will be used to ALERT the public of situations that may cause some inconvenience or difficulty to travelers or people who must be outdoors.



BLOWING/DRIFTING SNOW ADVISORY Used when wind-driven snow intermittently reduces visibility to 1/4 mile or less. Travel may be hampered. Strong winds create blowing snow by picking up existing or new snow.

FREEZING RAIN or FREEZING DRIZZLE ADVISORY Generally used only during times when the intensity of freezing rain o drizzle is light and ice accumulations are less than 1/4 inch.

SHORT TERM FORECAST(NOWCAST) A short-term forecast designed to give specific, detailed forecast information for the next 1 to 6 hours on a county basis. Non-severe, advisory, and warning information is contained in these forecasts which are routinely issued several times per day, and more often in some events.

SLEET ADVISORY Issued for expected sleet accumula tions of less than 1 inch.

SNOW ADVISORY Used when a snowfall generally exceeds 2 inches but is not expected to accumulate 6 inches or more in a 12 hour period. May be used for 1 or 1 inch snowfalls if occurring at the beginning of the snow season or after a prolonged period between snow events. Some mountain locations have snow advisories issued for 4 to 7 inch accumulations in 12 hours.

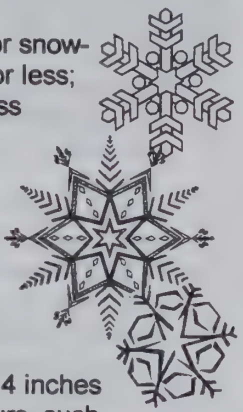
SEVERE WEATHER STATEMENT Issued when the forecaster wants to follow up a blizzard warning with important information on the progress of the blizzard.

SPECIAL WEATHER STATEMENT Issued when the forecaster wants to pass information on to the public about widespread, developing or approaching weather that is not expected to be severe, but nonetheless is sig nificant.

WINTER WEATHER ADVISORY Used when a mixture of precipitation is expected such as snow, sleet and freezing rain or freezing drizzle.

WARNING TERMINOLOGY: The following terms WARN the public of more serious winter weather situations that may cause impossible traveling conditions and could pose a threat to life and property.

BLIZZARD WARNING/GROUND BLIZZARD WARNING Issued for winter storms with sustained winds or frequent gusts up to 35 mph or greater and considerable falling snow (Blizzard Warning) and/or blowing snow reducing visibility to less than 1/4 mile. If there is only blowing/drifting snow occurring, then it is called a Ground Blizzard Warning. These conditions are expected to last at least 3 hours.



HEAVY SNOW WARNING Issued for snowfalls of 6 inches or more in 12 hours or less; or 8 inches or more in 24 hours (or less amounts early or late in the season). Light winds (less than 10 mph) generally accompany these situations, with the primary hazard being heavy snow. Some mountainous regions have thresholds of 8 inches or more in 12 hours, or 10 or more inches in 24 hours. Some areas of the country have lower threshold values, such as 4 inches or more in 12 hours or 6 inches in hours, such as in southern Ohio, Kentucky, etc.

ICE STORM WARNING Issued when damaging ice accumulations are expected during freezing rain situations; walking and driving becoming extremely dangerous. Ice accumulations are usually 1/4 inch or greater.

LAKE SNOW WARNING Issued when accumulations of lake effect snow squalls is expected to be 6 inches or more in 12 hours, or 8 inches in 24 hours in the southern Great Lakes region; and 8 inches in 12 hours or 10 inches in 24 hours over the northern Great Lakes region.

SEVERE WEATHER STATEMENT Issued when the forecaster wants to follow up a blizzard warning with important information on the progress of the blizzard.

SLEET WARNING Issued when accumulations of sleet covering the ground to a depth of inch or more are expected. This is a relatively rare event.

WINTER STORM WATCH Issued when conditions are favorable for the development of hazardous weather elements such as heavy snow and/or blizzard conditions, or significant accumulations of freezing rain or sleet. These conditions may occur singly, or in combination with others. Watches are usually issued 24 to 48 hours in advance of the event(s).

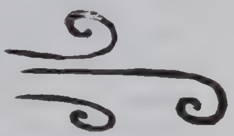
WINTER STORM WARNING Issued when hazardous winter weather conditions are imminent or very likely, including any occurrence or combination of heavy snow, wind-driven snow, sleet and/or freezing rain/drizzle. Winter Storm Warnings are usually issued for up to a 12 hour duration, but can be extended out to 24 hours. The term "near-blizzard" may be incorporated into the "winter storm warning" for serious situations which fall just short of official blizzard conditions.

NON-PRECIPITATION WEATHER TERMS: The following advisory terms are used to ALERT the public of weather situations that are not necessarily associated with precipitation, but need to be highlighted. The warning terms are used to WARN the public of non-precipitation events that could be a threat to life and/or property.

FROST ADVISORY Issued in growing season to indicated formation of widespread frost. Overnight lows in the 30's will usually result in widespread frost, especially in the lower to middle 30"s with light winds.

WIND ADVISORY (also LAKE WIND ADVISORY) Issued when sustained winds of 30 mph or greater are expected to last for 1 hour or more, or gusts of 45 to 57 mph for any duration. Lake Wind Advisories are issued for area lakes in some of the Northern Plains states when sustained winds of 30 mph or more are expected.

WIND CHILL ADVISORY Issued for wind chills of 35 below zero (F) or colder for sustained periods of time. Winds are expected to be at least 10 mph. Threshold values will "warmer" in more southern latitudes.



HIGH WIND WARNING Sustained winds of 40 mph or greater are expected to last for 1 hour or longer. Also issued if winds of 58 mph or more are anticipated for any duration. Some mountain locations have threshold values of 50 mph sustained for 1 hour or more, and any duration gusting to 70 mph or more.

FREEZE WARNING Used during the growing season when temperatures at/near the ground are expected to drop well below freezing (32 Degrees F) over a widespread area for a significant amount of time, regardless of whether frost forms or not.

WIND CHILL WARNING Issued when wind chill values are expected to reach 50 below zero or lower (upper Midwest, Northern Plains, some mountain areas) along with wind speeds below 10 mph. Other locations in the eastern or southern parts of the U.S. have a warning threshold of 35 below zero or perhaps even "warmer".

WEATHER IS FUN!

MINUTES

Radio Club of Tacoma, Inc.
Regular Meeting
January 14th, 1998

The Radio Club of Tacoma regular meeting was called to order at 7:30 pm by Roger Twilliger, WA7ANJ. There were 40 members present.

Treasurer's Report:

General Checking	$1,459.01
Repeater Fund	360.01
Packet Fund	372.57
Class Fund	0.00
Scholarship Working Fund	700.00
Flea Market Checking	500.00
Scholarship CD	2,982.70
WM Financial Services	13,596.39
Total All Funds	$19,970.68

Paid Club Member to date: 269

Committee Reports:

Training: Bill Shimmin, W7GBC, said there will be a meeting for all instructors at the Clubhouse on Monday the 19th at 7:00 PM to go over the new material for upcoming classes.

ARES/RACES: Al, KB7SVU, reported that ARES/RACES has been busy with flooding in the area. He will be meeting with the Department of Emergency Management about the Radio Club of Tacoma and how the club will be more involved with special events.

Bark: Kathleen, N0EYK, reports that the BARK has a new look, and hopes everyone approves. She has requested that all articles be e-mail to her, and if you do not have e-mail, find someone in the club that does and would be willing to do that for you.

Repeaters: Mike, WB7DFQ, discussed the possibilities of putting a tone access on the 147.28 repeater. He will be looking into it.

New Business: Shirley, N7QHW, reports that club jackets are still available.

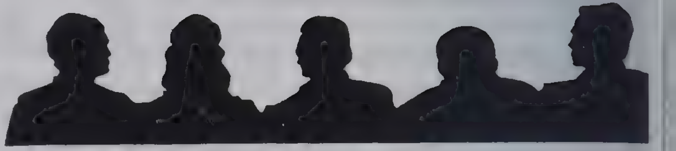
Roger, WA7ANJ, reported that the packet station is still being worked on, and should be up and running in the near future. Roger also mentioned that he will be looking for members to fill positions in the club.

Program: Al, KB7SVU, presented the program on WW2END.

The meeting was adjourned at 8:50 PM.

Respectfully Submitted
Alan Allen, N7EAY, Secretary
Radio Club of Tacoma

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO CONTINUE RECEIVING YOUR BARK



Radio Club of Tacoma, Inc.
Regular Meeting
January 28th,1998

The Radio Club of Tacoma regular meeting was called t order at 7:30 pm by Roger Terwilliger,WA7ANJ.

Treasurer's Report:

General Checking	$1,133.30
Repeater Fund	360.01
Packet	372.57
Class Fund	0.00
Scholarship Working Fund	700.00
Flea Market Checking	500.00
Scholarship	2,982.70
WM Financial Services	13,596.39
Total All Funds	$19,644.97

Paid membership to date are 283

Correspondence: Notice from the Bears that there will be no testing in February or March at the Boeing plant. Flier from the Mike and Key club of upcoming Fleamarket on March 7th at the Puyallup Fair Grounds.

Heath and Welfare: Lou, KB7WDB, is home ill with the flu.

Program: Al, KB7SVU, introduced Clive Tobin, KC7ZL who gave a talk on problems that will arrive in the year 2000 pertaining to computers.

Committee Reports :

ARES/RACES: Al Hughes, KB7SVU, reports that big things are coming up in ARES/RACES. He has attende meetings about the Sound Shake of 98, scheduled September 22nd in King, Pierce and Snohomish Counties. Al stated that they will need the help of the members of the Radio Club of Tacoma.

Training: Bill, W7GBC, announced the next class will b February 7th and 8th. Contact Bill or Al, K7HW, for mor information.

ARRL: Nothing reported.

Fleamarket: Roger, WA7ANJ, reports that we need to get things started for this years fleamarket scheduled fo August 8th. There will be a meeting on February 2nd at 7:00 pm at the clubhouse for all interested.

New Business: Mick, KC7TVM, has been appointed new Public Relations Officer for the club, and Val Baldwin, N7VGO, has been appointed new Station Manager. Mike and Key Club needs help with their fleamarket in March. Please contact Roger, WA7AUJ, for more information.

Shirley, N7QHW, reported that VE testing will be February 10th , 6:30 PM at the Clubhouse. Also, Radio Club jackets are still available for $36.00-$43.00.

No information on BARK party at this time.

Hints and Kinks: Jerry, W7BUN, reported that you should check your rubber duck antennas. He has found that they can be as much as 2 MHz off.
Attendance: 54
The meeting was adjourned at 8:41 PM.
Respectfully Submitted
Alan Allen, N7EAY, Secretary
Radio Club of Tacoma

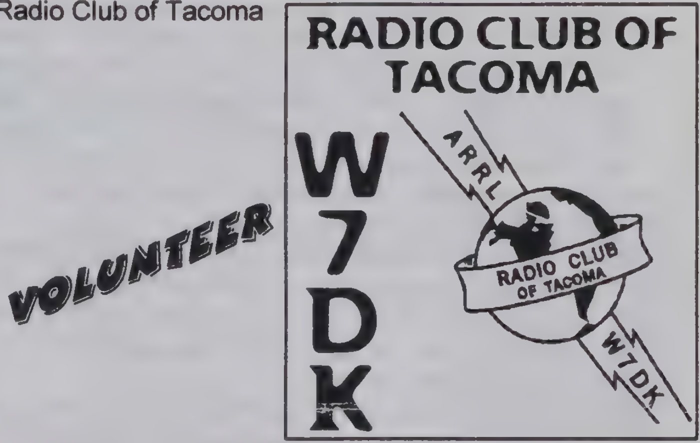
ATTEND
CLUB
EVENTS

SPECIAL
SERVICE
CLUB

Radio Club of Tacoma Inc.
Board Meeting Minutes
February 4, 1998
The Radio Club of Tacoma's Board meeting was called to order at 7:30 PM by President Roger Terwilliger, WA7ANJ. Other officers and board members were Alan, N7EAY, Lou, KB7WDB, Al, K7HW, Bill, W7GBC, Shirley, N7QHW, and Mike, WB7DFQ. Guests present were Merle, W7QLG, Art, AA7EO and Nora, KC7JME.
Treasurer's Report:
Treasurer's report was approved.

General Checking	$1,085.61
Repeater Fund Checking	360.01
Packet Fund Checking	372.51
License Classes	0.00
Scholarship Working Fund	700.00
Flea Market Checking	500.00
Murphy Favre Savings	13,596.39
Scholarshop Memorial Fund	2,982.70
Cash on Hand	75.68
Total All Funds	$19,682.96

Paid memberships to date are 290
Correspondence: We have received from the Mike and Key Club, confirmation on our display table at their Fleamarket on March 7th. The booth will be manned by Alan, N7EAY, Joey, KB7UXC, Bill, W7GBC, and Russ, KC7EKI.
Committee Reports:
Clubhouse upgrade committee meets on January 24th. Motion was made by Lou, KB7WDB, to approve the proposal for modification of the 1st floor plan. Seconded by Bill, W7GBC. Passed
Training Committee: Bill, W7GBC, reported that classes will be offered February 7th and 8th at the clubhouse. 17 students are signed up. New questions will be covered.
Fleamarket: Roger reported that he will be seeking a person to chair the 1998 RCT fleamarket. Bill, W7GBC, reported he had reserved Charles Wright for August 8th, 1998.
Long Range Planning Committee: Mike, WB7DFQ, will chair this committee.
Field Day: No report
ARES/RACES: Roger, WA7ANJ, reported that he needs a person to be involved with the Radio Club of Tacoma and ARES/RACES.
Old Business: Lou, KB7WDB, reports that Jerry, W7BUN, will have the Jim Kirkreit memorial award planning [meeting] soon.
New Business: Shirley, N7QHW, moved that $1000.00 be moved into the fleamarket account. Seconded by Bill, W7GBC, passed.
Shirley, N7QHW, reported that the cost of starting the building remodeling will be $500.00. A motion was made by Al, K7HW, to use $500.00 to get started. Lou, KB7WDB, seconded the motion. Passed.
The meeting was adjourned at 8:15 PM
Respectfully Submitted
Alan Allen N7EAY Secretary
Radio Club of Tacoma



Upgrade Classes

Classes are being formed for upgrading to Advanced and Amateur Extra Class. Classes are planned for Monday or Thursday evenings from 7PM to 9:30PM for 5 or 6 weeks. Call Jerry, W7BUN, at 253-845-7652 for details or to register.

AMATEUR RADIO
Friendships
around the world!

NO-CODE TECH CLASS

There will be another no-code tech class, probably in April. If you are interested or know someone who is, please call Al Burleson, K7HW at (253)474-9023.

THANKS +

Dear Kathleen,

If it is not too late for the Bark, you might mention that although I appreciate the Doc Spike Inspirational Award, I feel that the committee got the wrong person. The picture actually showed Yelrug Htrow, GW7W who gets everything backwards, welches on all his obligations, and deserved the award more than I.

You might mention that the Whiskey Group into which many of our members report meets on 3955 kHz at 9:00 PM Pacific time, sometimes moving up to 3958, then often at 9:30 PM to 1870 kHz on 160. In the morning it meets between 7:15 AM and about 7:45 AM on 3948 kHz. We encourage all to join in for old fashioned type round-table mostly with stations in Montana, Washington, Oregon, Nevada, Arizona (including W7DON), and, when conditions are good, with Marilyn on the Circe in Mexican waters. The "whiskey" is the best grade phonetic "whiskey" around.

I assume that Mac wrote about his daily 14292 kHz 8:00 AM schedule with Marilyn KB7PCT/XE2 on the Circe during which he has been phone patching Marilyn's son Scott and handling other messages....a very good use of amateur radio.

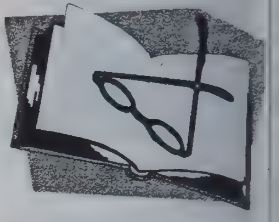
I hope for you and Roger that the weather is ok whether in California or Arizona in spite of El Niño!

73, Worth

Editor's note: I think that we got the right picture and the right person, Worth! Thanks for all you do!!!

Amateur Radio Exams

in the Puget Sound Region as of October, 1997



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 1 PM - Boeing Recreation Center - 2264 83rd Ave So, **Kent** - Contact Burt Mendez, KB7ZCW 824-2785, Seattle

2nd Tuesday - 6:30 PM - **Everett** - Cascade High Scho - 801 E. Casino Rd - Contact Larry Luchi, W7KZE 355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacom** Clubhouse - Contact Shirley Murphy, N7QHW, 265 3661

2nd & 4th Thursdays - 7:00 PM - **Ft. Lewis** Radio Clu - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 1406 Interurban Ave, South - Contact Harry Lewis W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - **Ferndale** - American Legio Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 38 0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Good Neighbor Cente 305 S. 43Rd St - Contact Mike Dinkelman, WA7UV 854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe Highway 2 - Contact Dave Axe, 793-2526, W7AG Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesan** High School - Pearsall Center, 2109 Sumner Ave next session - September 21 - Contact Nick Bende NX7W, 249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activit Center, 6400 36th Ave. West - Contact Dwayn Broderson, KG7WR, 542-0285, Seattle

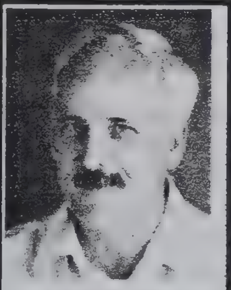
4th Saturday - 10 AM - **Marysville** - Library - 482 Grove St. - Contact Loren Hole, KK7M, 335-525 Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-11 Technical Bldg, Olympic College - Contact Dav Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 1230 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

CONTESTING



WB7AUJ

Well, here we are heading into the third month of the year. We're half way to Field Day!

There are two major DX contests in March. First up is the ARRL SSB DX contest on the weekend of March 7-8. If you are looking to pick up a few new countries for DXCC, this would be a good time to give it a try. The increased sunspot activity should make conditions better than they were last year.

The second is the last weekend of the month (28-29). It is the CQ World-Wide WPX SSB Contest. The RTTY version of this contest was in February. The CW version is in April. There will be plenty of stations to work. In this contest the object – in addition to trying to work as many stations as possible – is to work as many different prefixes as possible. The prefix portion of a call are the letters before the central number that in most countries signifies some sort of geographical area. For the U. S. these are the call districts, 1, 2, 3, etc. Examples of prefixes are WB7, N6, AB4, and VE1. There is a whole award program sponsored by CQ based on prefixes. The details of that program would take another column.There is a new contest that I saw advertised on the cover of CQ Contest magazine. It is called the FAMILY HF TEST. There is to be a SSB version is March 10 - 11 and the CW version is March 13 - 14. The magazine did not cover the rules and the regular issue of CQ did not either. The dates ar during the week, which would, I believe, make these contests good for casual participation.

For those who are into data type contests, there is the BARTG RTTY contest the weekend of March 21-22. I'm sure Val, N7VGO, would appreciate all the contacts you could give him. If you have any questions on these or any other contests, feel free to give me a call. My phone number is (253) 584-3620. (I live in Steilacoom.)

73 & may the sunspots smile on your contesting.
David Dodd

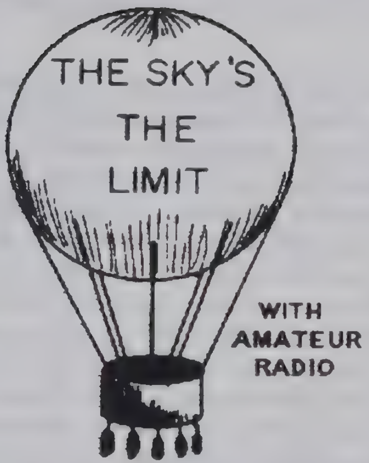
FIELD DAY MEETING

HEAR YE! HEAR YE!

Interesting in working Field Day or learning about it? Come to the meeting and join the learning and fun!!!

Wednesday * March 18th *** 7PM**

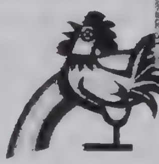
Come one...Come all.......



Editor's Notes

de NØEYK

E-Mail address:
NØEYK@excell.com



Hi everyone from Alamagordo, New Mexico. We are here attending a "Full Timers" RV rally prior to attending the winter Family Motor Coach Association Convention in Las Cruses. Finally we are in sunshine and dry!!! We left Phoenix in the rain and drove through snow twice in southern Arizona! I thought I had left all that behind... We will head on to Texas the second week of March. And from the weather reports out of east Texas, I am not too thrilled to be going there! El Niño can go away any time!

Looks like things are busy with the RCT. Do join in and get involved with the activities, so that the folks who are always there to fill in don't get burned out and leave our ranks. VOLUNTEER! If we don't know you are interested, it is hard to know to ask...

Coming events that need YOUR support are the Mike and Key Swap, our own Field Day effort, our swap. and always ARES/RACES. Roger, WA7ANJ, would love to hear from you and point you in the right direction.

Will be writing next from Texas and Oklahoma. Have a great month. 73, Kathleen

SCHEDULE YOUR SWAPMEET VISIT IN 1998!

March 7 Mike and Key Fleamarket, Puyallup, WA
March 28 Eugene Hamfest, Eugene, OR
May 29-31 SeaPac, Seaside, OR

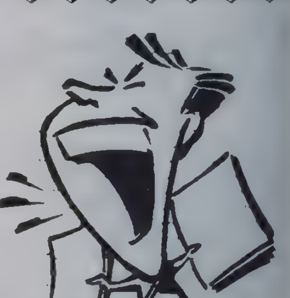
NEWSY NOTES FROM OUR SAILING HAMS...

Hi all, I'm going to make this a joint note since I'm running out of time before the "panga" leaves. That's a little open boat taxi. It's 2 pesos to run over to town (8 pesos = $1). Need to get to the travel place to pick up Stef's tickets. He had reservations out of PV to LA Feb 4 and since we'll be in Manzanillo by then we needed to make the change. Otherwise it would have been a 6-hour bus ride up to PV. Alaska doesn't fly out of Manzanillo so switched to Air California and will use the Alaska tickets in March. Hopefully in April those monthly visits will go back to quarterly ones. We're both doing great. Except of course Stef's his usual ornery self (Ha Ha). Our trip so far has been fantastic. We left Puerto Vallarta and motor sailed to Tenacatita Bay. Wonderful little anchorage. A little rolly but not bad. Good snorkeling. Took the "jungle" trip up a river by dinghy and had fish rolls. That's fish stuffed with shrimp and other goodies (no octopus though thank goodness) covered with a yummy cream sauce. Stef had pancakes! He's been fighting a cold or virus and I keep telling him it's because he doesn't eat enough fish! By the way, I will write each of you and answer your notes but can't take the time right now. As long as we're going in to town we might as well go out for dinner, right? Sounds good to me! This is probably the prettiest town yet. The streets are all paved with I-shaped bricks. Lots of different types of palm trees and flowers. Much cleaner than the dusty streets. Very quiet, not much traffic. Where are we? We're anchored in a lagoon behind a big bay and town called Barra de Navidad. Beautiful setting. Shawn, we watched the surfers right in front of town this morning. Lots of big waves. We met up with our cruising friends, "Raja" at a little island just south of PV so have been traveling with them. Today they went in and tied up at a beautiful brand new resort/marina so we get to go in an visit them and enjoy the pools (yes, plural). I think we've decided to stay an extra day or two since i's so nice here. The weather continues to be lovely. 80s during the day and 65 or 70 at night. Wind blew this afternoon but it's flat calm back here. Only went aground twice coming in! Shallow, but able to back off easily. Well, Mr. On-Time is probably chafing at the bit so had better close. Oh, before I go I must share that my Ham radio friend in Gig Harbor, Mac, whom I've been talking to almost every day finally got his phone patch working. So was able to talk directly to Scott today. Will have to have him try Shawn for me next. Our love to you all and God bless. 1/30/98 Addendum. Hello again. Made 3 trips back to the travel agent per their request and still no tickets. First the airline was closed, then they had to go to the airport and pick them up, then the computer was down, then the car broke down. So finally the third day we got them. And first it was an extra $50 and then an extra $20. Taxes! Well, so it goes here in Mexico. Need to have lots of patience. Yesterday the starting battery died. Had lot of advice and help from fellow cruisers. I ended up taking the dinghy to the marina, the panga across to town, walked about 1/2 mile to the bus. Twenty minute ride to another town. Found a battery and reversed the process. Didn't have marine posts so Stef had to adapt. Meanwhile another cruiser brought his little generator over so we were able to charge the house batteries and keep things cold. Took all day but up and running. Left this morning for Las Hadas near Manzanillo. We're anchored in front of Las Hadas Hotel and Resort. This is where "10" and "El Cid" were filmed. Used to be exclusive for the rich and famous but now open to us peons. Saw a dolphin jump clear out of the water right in front of the boat today and a beautiful sea turtle swimming by. We'll probably be here for a week or two or three. 2/1/98 Happy February. Well just like the Mexican airline people, I can't seem to get around to sending this message so might as well add a little more each day. Finally spent the afternoon by and in the pool. Was wonderful. Yes, I think I could learn to like this. There were 3 iguanas roaming around near our lounge chairs. Off to play a little bridge now.

73, Marilyn, KB7PCT

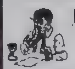
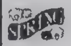
CALLING ALL TEENS!! CALLING ALL TEENS!!

There will be a weekly net on the 147.28 MHz W7DK repeater each Sunday at 7:30 PM. Net controls will be none other than Christel, KC7UFL, Daniel Nelson, KC7MNY, and Jonathan Hill, KC7VUQ. Everyone under the age of 18 is welcome. It will be a chat mode type net and should be a lot of fun!



REMEMBER, EACH SUNDAY AT 7:30 PM
ON 147.28 W7DK REPEATER.
TUNE INTO THE RADIO CLUB OF TACOMA TEEN NET.

March 1998

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1 **7:30 PM TEEN NET 147.28** *ALF KB7QFT	2 *BILL KL7BB *DAN N7LSO **WINDS OF MARCH**	3 **7:30 PM RCT NET 147.28** *BUD N7HKS	4 **7:30 PM RCT BOARD MTG** *JONATHAN KC7VUQ	5 *BILL W7GBC *JAMES KC7ETS *RAY KJ7SM	6 *EDWARD W7EBF	7 **9:00 AM OPEN HOUSE** **6:00 PM PINOCHLE POTLUCK** *JIM W7CSX *STEVE KC7AZW **ARRL INTERNAT'L DX CONTEST PHONE**
8 **7:30 PM TEEN NET 147.28** *LINK N7CEO *SAM N7SS **ARRL INTERNAT'L DX CONTEST PHONE**	9 *AL K7PUC	10 **7:00 PM RCT VE TEST** **7:30 PM RCT NET 147.28** *FRANK KD7AC *VIVIAN *WAGNER N7COT	11 **7:30 PM RCT MEETING** *BETTY KC7ACY *DAN AJ7K	12 *BOB KD7IBU **FULL MOON**	13 *OWEN KC7KAV	14 **9:00 AM OPEN HOUSE** *BYRON KA3CUK *ROY KA7X **QCWA QSO PARTY** **WISCONSIN QSO PARTY**
15 **7:30 PM TEEN NET 147.28** ***JOANNE WA4KZQ**  **BARK DEADLINE** **WISCONSIN QSO PARTY**	16 *ERIC WA7GHE *JAMES N7DKI *JERRY W7JC	17 **7:30 PM RCT NET 147.28** **HAPPY ST PATRICK'S DAY**	18 *BILL KC7AKY	19	20 **KITE WEATHER**	21 **9:00 AM OPEN HOUSE** *AL K5EAF  **SPRING**
22 **7:30 PM TEEN NET 147.28** *PAUL KC7MKL	23 **12:00 PM LADIES PINOCHLE** *HELEN W7WRI	24 **7:30 PM RCT NET 147.28** *ALICIA K7EXS *ANDREW KB7DOX *ROBERT N7AHR	25 **7:30 PM RCT MEETING** *BOB KB7UXF	26 *LUCILLE NB7T *MOREL W6LIX	27 *ROBERT KI7UU **NEW MOON**	28 **9:00 AM OPEN HOUSE** *BRIAN N7UFA *EDITH KB7KSY **CQ WW WPX CONTEST, PHONE**
29 **7:30 PM TEEN NET 147.28** *GLENDA **CQ WW WPX CONTEST, PHONE**	30 *FLOYD KC7EEZ	31 **7:30 PM RCT NET 147.28** *JAMES WL7BOT				

February 1998

S	M	T	W	T	F	S
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April 1998

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19	20	21	22	23	24	25
26	27	28	29	30		

4/98

APR 1998

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

ADDRESS SERVICE REQUESTED

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PERMIT NO. 1078

COMING EVENTS

APR 1 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

APR 4 - Pinochle Potluck - 7 PM at the Clubhouse

APR 8 - Club Meeting - Library Administration Center, 7:30 PM

APR 11-12 - MARAC SSB County Hunter's Contest

APR 13 - ARRL VHF/UHF Spring Sprint

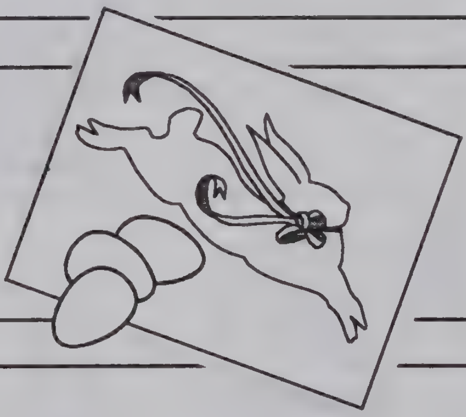
APR 14 - License Exams - 7 PM - Clubhouse

APR 15 - BARK deadline Patch code change too.

APR 18-19 - RCT **No Code Tech Class** in 1 Weekend

APR 22 - Club Meeting - Library Administration Center, 7:30 PM

APR 27 - Ladies Pinochle - Noon at the Clubhouse



Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events. Also, listen for news of repeater code changes happening around April 15. See inside for meeting program schedule.

BLESSED EASTER AND PASSOVER

April 1998

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 **7:30 PM RCT BOARD MTG** *NORA KC7JME **APRIL FOOL**	2 *STEF KB7PKF *TOM KB7VOO **APRIL SHOWERS**	3 *JAMES WT7Y *JEFFREY WB7NND *ROSS KC7UFM	4 **9:00 AM OPEN HOUSE** **6:00 PM PINOCHLE POTLUCK** *DOROTHY *MARTHA N7GUE *ORVAL N7GSR
5 **7:30 PM TEEN NET 147.28** **DST SPRING FORWARD**	6 *LLOYD W7LUI	7 **7:30 PM RCT NET 147.28** *CARL KC7LBE *MIKE KB7UXU *TAM KC7BAC	8 **7:30 PM RCT MEETING**	9 *HARRY N7DOE	10 *DOUG KC7HIJ *RICH WB7PYS	11 **9:00 AM OPEN HOUSE** *BOB WA7ZZA **FULL MOON**
12 **7:30 PM TEEN NET 147.28** *MILTON N7ZWS **HAPPY EASTER**	13 *DONALD K7DK *LEE W6PZF **ARRL VHF/UHF SPRING SPRINT 144MHZ**	14 **7:00 PM RCT VE TEST** **7:30 PM RCT NET 147.28** *HAP KB7UXD	15 *MICHAEL KC7ZIX **BARK DEADLINE**	16 *BOB KB7SWW *JERRY K7ETU	17	18 **9:00 AM OPEN HOUSE** **ARES MS WALK AM** **ARES ORTING DAFFODIL PARADE**
19 **7:30 PM TEEN NET 147.28** *JOHN N7FOW *ROBERT W7RXS	20 *MICK KC7TVM	21 **7:30 PM RCT NET 147.28** *BILL W7KT *PAT N7CAK **ARRL VHF/UHF SPRING SPRINT 222MHZ**	22 **7:30 PM RCT MEETING** *DOROTHY K7JQA *JOHN KC7FGG **ARES/RACES HOSPITAL EXERCISE**	23 *CHANDLER KC7EYZ	24	25 **9:00 AM OPEN HOUSE**
26 **7:30 PM TEEN NET 147.28** *OWEN KB7UXP **NEW MOON**	27 **12:00 PM LADIES PINOCHLE** *DANIEL KC7MNY *ROBERT N7HXX	28 **7:30 PM RCT NET 147.28** *MERTON KA7NRA	29 *DAVID N6WLE **ARRL VHF/UHF SPRING SPRINT 432MHZ**	30		

March 1998

S	M	T	W	T	F	S
1	2	3	4	5	6	7
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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

May 1998

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10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

*BIRTHDAY

THE RADIO CLUB OF TACOMA
W7DK
SPECIAL SERVICE CLUB
ARRL

THE LOGGER'S BARK

VOL. XXXV NR. 4 W7DK APRIL 1998

FROM THE PRESIDENT

WA7ANJ

I would like to say our 38th Anniversary came and went with little significance - NOT! As most of you have heard, I managed to break an ankle, have surgery and get home in only 39 hours, 24 hours before the big day! With a lot of luck, and EXCELLENT care, I'll only be in the "slow down" mode for 5 - 6 months. How fortunate I am! As I told my granddaughter, there are three things that I will always be thankful for: A) I can sleep nights; B) I've always been well-paid for enjoying my hobby; and C) that my Momma named me Roger - 'cause that's what everyone calls me!

My sincere thanks for the cards, the calls, and drop-ins; the offers of rides and anything else needed during these times. Also, congrats to the board (and others) who picked up the pieces and kept things going! They're doing a great job!

The by-laws and standing rules work. They provide for just such occurrences as the temporary incapacity of any board member, or permanent replacement when required. I suggest, again, that any member desiring a copy for their own, request same from a board member, and help us "get it right"!

The Mike & Key 1998 Flea Mart is now history. The comments I've heard indicate that not only was it a rousing success, but RCT was well represented by over 3,000 hand-outs to hams that ATTEND flea markets! We'll look for a great turn out in August. I join all our members in saluting those who gave a hand to M&K. THANX!

I received two calls that I passed on to the board; one, a gentleman asking for assistance with a vertical antenna, and, one from a person inquiring about a "share the ride" program. We need to re-activate the "Elmer" program, and look into ridesharing. This may be a way to increase our attendance and participation in club activities. If you can help, call a board member - don't take "no" for an answer. We'll help get it started, and then, we'll ALL - .Have FUN with Ham Radio! 73, Roger

(Keep getting better, Roger! ...editor)

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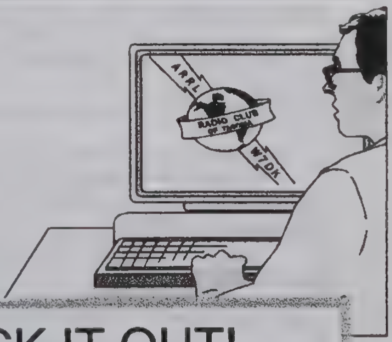

CHECK IT OUT!

RCT Web Page:
www.mashell.com/~roblee/rct.htm

RADIO CLUB OF TACOMA – 1998

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CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@excell.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz **144.97 - Packet**
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Casey Halvorson, KC7IBT RCT # 200
1517 105th Avenue Ct E
Edgewood, WA 98372-6610 253-927-768
cmdo@gte.net

John E Heaney Jr, KD7ANH RCT# 200
12222 105th Avenue Ct E #B
Puyallup WA 98374-2647 253-435-576

Erick Jenkins, K7APO RCT# 200
922 N Junett St
Tacoma WA 98406-6818 253-752-302
ejenkins@oz.net

Michael A Paine, No Call RCT# 200
15512 28th Avenue Ct E
Tacoma WA 98445-4758 253-536-763

Reinstatements

Thomas Stanley, KB7VOO
2817 214th Ave E
Sumner WA 98390-6243 253-862-710
kb7voo@bigfoot.com

Address/Phone Changes/Corrections

Russell W Donahue, KC7EKI
7533 66th Ave W
Lakewood WA 98467-2307 253-984-713

Michael Haas, KE6GEQ
1027 S Geiger St
Tacoma WA 98465-1405 Phone Unknow

David Miskimens, KC7OVS
PO Box 16221
Arlington VA 22215-1221 Phone Unknow

E-Mail Address Changes/Additions

See next page please.

New Calls/Upgrades

Silent Keys

Max Baxter, KA7HPM
Sam Steere, N7SS

PINOCHLE

2 gatherings each month

Pinochle & Potluck - 7PM
1st Saturday of the Month
Ladies Pinochle - 12 Noon
4th Monday of the Month
Both gatherings at the Clubhouse.

SECOND BYTE
NEW & USED MS-DOS COMPUTERS
ACCESSORIES,
PERIPHERALS,
AND UPGRADES
N7ARO
Roy Richards
642 NE Woods Ct.
Bremerton, WA 98311
Voice/Fax: (360) 479-2619
E-mail: 2ndbyte@kendaco.telebyte.com

ACCIDENT & BODILY INJURY
LAW OFFICES OF
DOUGLAS K. SMITH, P.S.
(206) 471-1000
(800) 585-8500
AJ7Y
DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409

Your Ad Could Be Here!

Call, Shirley, N7QHW
at (253)265-3661 for info.

▶▶▶ *ADDRESS CHANGES* ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to the club treasurer at any club meeting.

E-MAIL CHANGES AND ADDITIONS

Gary Breivik, N7GWC
add e-mail garyb@yelmtec.com

Ken Castile, KC7UHG
add e-mail kcastile@aol.com

Karl Grote, KC7PAI
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Ed Isenhart, KC7TVS
Wendy Isenhart, KC7TVT
add e-mail ps-p@msn.com

Link Jackman, N7CEO
add e-mail linkjackman@msn.com

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Dan Mcconnell, AJ7K
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Clarence McDaniel, W7FAB
add e-mail wn7fab@msn.com

Cal Morgan, W7SFT
Pat Morgan, N7CAK
add e-mail calpat@compuserve.com

Edward E Reinke, W7EBF
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Jim Schock, KC7QBE
add e-mail schock@elsnet.net

Laurence Seaman, WA7QEW
add e-mail lseaman1@x.netcom.com

Chuck Souter, KA7HJN
change e-mail to 76627.1450@compuserve.com

Jim Stephens, W7CSX
Dorothy Stephens, K7JQA
change e-mail to W7csx@aol.com

Al Williams, K7PUC
add e-mail k7puc@juno.com or alwilliams@olywa.net

David Wittenberg, N7WGB
add e-mail dwittenb@cyberdude.com

APRIL PROGRAMS

APRIL 8th - HELP WANTED! The Pierce County Department of Emergency Management (DEM) needs Search and Rescue volunteers and communications operators from the Amateur Radio community. Tom Sharp, DEM Coordinator, will explain to the members of the Radio Club of Tacoma and the Amateur Radio Emergency Services (ARES) how we can help. Tom will also tell about the upgrade plans for the Emergency Operating Center at the County-City Building. We MUST justify the use of our valuable frequency spectrum. Getting involved in emergency communications keeps the commercial interests away from our frequencies - GET INVOLVED NOW!

APRIL 22nd-SENDING MESSAGES. What do you do when you're helping in emergency communications efforts, and you are asked to send a radiogram? Find out how to format a formal radio message, create the necessary preamble, and transmit it to another station on the air. Learn about ARRL-numbered radiograms, what priority to give a message, what an HX designator means, and what frequencies are available to receive your message. Don't get caught without this vital knowledge when the emergency occurs.

NE WEEKEND

Register with
Bill Shimmim
253-584-1086
or
Al Burleson
253-474-9023

Radio Club of
Tacoma
April 18 and 19
9AM to 5PM

No-Code

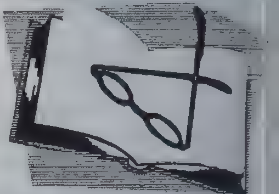
Technician
Class

Fee: $10
Book: $19

Bring a Lunch

Amateur Radio Exams

in the Puget Sound Region as of October, 1997



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 481-2361, Bothell

1st Saturday - 1 PM - Boeing Recreation Center - 2264 83rd Ave So, **Kent** - Contact Burt Mendez, KB7ZCW 824-2785, Seattle

2nd Tuesday - 6:30 PM - **Everett** - Cascade High Schoo - 801 E. Casino Rd - Contact Larry Luchi, W7KZE 355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacom** Clubhouse - Contact Shirley Murphy, N7QHW, 265 3661

2nd & 4th Thursdays - 7:00 PM - **Ft. Lewis** Radio Clu - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 1406 Interurban Ave, South - Contact Harry Lewis W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - **Ferndale** - American Legio Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 38 0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Good Neighbor Cente 305 S. 43Rd St - Contact Mike Dinkelman, WA7UV 854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Caf Highway 2 - Contact Dave Axe, 793-2526, W7AG Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesan** High School - Pearsall Center, 2109 Sumner Ave next session - September 21 - Contact Nick Bende NX7W, 249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activi Center, 6400 36th Ave. West - Contact Dwayr Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - **Marysville** - Library - 48 Grove St. - Contact Loren Hole, KK7M, 335-525 Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-11 Technical Bldg, Olympic College - Contact Da Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 123 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

ARES/RACES

I often hear the question "What is it that the ARES/ RACES organization does?". The following article was printed in the February 1998 issue of QST magazine. It is reprinted here with permission from them. It is an excellent example of the possibilities that are out there for us to respond to in times of need.

N7QHW

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The Grand Forks Flood

By Morgan H. James, KFØEN; Gerry Nies, NØNGW; and John Engel, WAØLPV

In April 1997--as if a severe winter wasn't enough--a flood of epic proportions divided and washed over the cities of Grand Forks, North Dakota, and East Grand Forks, Minnesota--sister cities sharing opposite banks of the Red River. Amateur Radio operators provided emergency communications and support for area officials in the two cities before, during, and after the flood. In difficult and even primitive conditions, hams assisted in emergency recovery efforts that they and other served agencies felt they were prepared for. But the reality of dealing with a flood so intense that it could only occur once every several hundred years tested everyone's limits.

A Harsh Winter

In an area of the US that endures several blizzards each season, the winter of 96/97 brought eight of them. These blizzards, combined with the season's normal snowfall, left a record 100 inches of snow on the ground as spring finally returned to the Red River Valley. This area of the northern plains averages 65 days of "below-zero" temperatures each year, which results in very little snow melt during the course of the winter. Snow that falls in October is often part of the snow pack when the April thaw begins. Hydrologists measuring the 1997 snow pack's water content characterized it as "off the chart."

On April 4, with flood preparations in high gear, the eighth and by far the worst of the season's blizzards struck. Freezing rain made sandbagging extremely dangerous, and operations were suspended to prevent workers from falling from the slippery dikes. Flood fighting, already delayed by the late spring, would have to wait for three more days while the blizzard ran its course. Blizzard "Hannah" brought rain, sleet, hail, snow and winds gusting to 70 miles an hour. The freezing rain and winds brought down more than 3000 power lines and numerous power substations. Residents awoke on April 6 to temperatures in the 20's and no power. Some would be without power for two weeks.

Hams were called into action. A local hospital requested immediate assistance with emergency communications. Dave Quam, KA2UTT, and Mark Davis, NØQLQ, volunteered to try to get through the snow drifts to the hospital. Dave drove as far as the hospital parking lot before finally getting stuck in the snow, and Mark was able to make it only by walking because of the snow-blocked streets. Mark manned a communication post within the hospital, while Dave worked in a tracked vehicle that delivered oxygen and medicine to patients in the city.

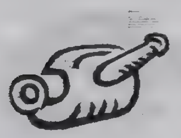
That afternoon, as the full extent of the disaster became apparent, the Emergency Operations Center (EOC) began an "evacuation net" to help move hundreds of people from their freezing homes to various shelters. All day and into the early hours of the next day, hams were dispatched in four-wheel-drive or tracked emergency vehicles throughout the city. At least 15 hams contributed to this rescue effort. Several hundred shivering people were brought from their homes to emergency shelters. But this blizzard, one of the region's worst, would soon become a distant, almost pleasant, memory, forgotten in the onset of a flood that would be called the most severe this area has endured in recorded history.

Gearing up for the Flood

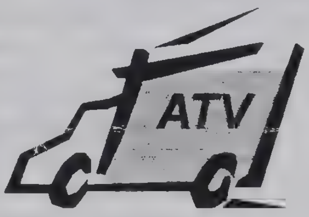
In February, the National Weather Service predicted the Red River would crest at 49 feet in the cities of Grand Forks and East Grand Forks. Flooding is a major concern in the region because of the topography of the Red River Valley. Unlike most rivers in North America, the Red River flows north, which means water from melting snow will often flow into areas of the river farther north that are still frozen. Also, the river valley itself is very flat. The land rises slowly for nearly 30 miles on either side of the river. Houses next to city dikes may be only a few feet lower in elevation than houses several miles away from the river. Adding to the problem is the fact that the Red Lake River, which drains a large area of northwestern Minnesota, empties into the Red River in East Grand Forks.

Preparations were made for a higher-than-predicted flood crest. Rapidly changing crest predictions are always a possibility in the region. Flood stage for the Red River is 28 feet. The highest previous flood on record was in 1979, when the river crested at 48.81 feet. Fearing an extremely high crest, the city raised the levels of its dikes to 52 feet.

Hams began providing many services to the two cities beginning in March. The help of the Amateur Radio Emergency Service (ARES) group was requested by Jim Campbell, KB0LXX, the Grand Forks County Emergency Manager. He has long recognized the value of hams in public service situations. The local ARES group was mobilized to install antenna systems at dike patrol headquarters throughout the two cities. Neighborhood dike patrols walked the dikes looking for leaks or weak spots. Observers worked in shifts, 24 hours a day. There were four networks established at key points in Grand Forks (and one in East Grand Forks). With the newly installed communication systems, dike monitors were able to communicate directly with EOC officials when potential problems were encountered.



To assist the dike patrol effort, a new system was added to the region's flood fighting arsenal this year. Dave Cook, N0VSH, and Ron Oudean, KB0OBV, stationed at the nearby Grand Forks Air Force Base, constructed an amateur fast-scan television (ATV) system. If a dike walker or other official reported a potential problem, two hams were dispatched with a portable ATV system. The camera transmitted its signal from a backpack rig, carried by the operator, to a nearby van (see the photograph in "Up Front" in this issue). The backpack contained a transmitter, battery pack and antenna. The van contained an ATV repeater that relayed the signal to the EOC. With this system, engineers could view possible problem areas without spending time driving to every site. With a lot of hard work, Dave and Ron were able to build the ATV system and make it operational in only two weeks.



The two cities' emergency centers requested amateur assistance in installing cellular phone repeaters at each EOC. Initially, cell phone communication with the EOCs was difficult, as both were located in basements.

Emergency Managers Weather Information Network (EMWIN) systems were also installed by ARES personnel at the EOCs to provide emergency managers with updated reports from the National Weather Service. In anticipation of a serious flood, amateurs also installed a repeater for the local Red Cross. In East Grand Forks, Ben Engel, KA0JWO, worked with the Red Cross and the Salvation Army, relaying the locations of the rapidly moving crews of dike builders.

Rapidly Rising Waters

Dike patrols began on Saturday, April 12, when the Red River was at 42.48 feet. Later that afternoon the water began to rise even more quickly. Low lying areas became seriously threatened. People in these areas were notified that an evacuation might be necessary. Some moved out voluntarily. On Thursday, April 17, the neighborhood dike patrol headquarters had to be moved because rising water was threatening the patrol buildings The river was swelling ominously at 48.89 feet, and leaks and cracks were forming in the dikes.

On Friday, April 18, the river was at 50.96 fee with no crest in sight. Every worst-case scenario the cities had planned for was now happening. Cracks were forming in the dikes on both sides of the river. Residents i low lying areas were being evacuated to city shelters Outdoor warning sirens often sounded, announcing eac new breach in the dikes. Late in the day and into th evening, dikes on both sides of the river were breaking National Guard soldiers had to rescue many people wh were trapped by rising waters. The situation on both sides of the river was becoming desperate.

Emergency operations headquartered downtow had to be relocated. Affected agencies included the cit police, county sheriff, highway patrol, fire departments public works and engineering departments, the Re Cross, the Salvation Army, the Coast Guard and th Hospital. Hams were called to assist in the relocation o these organizations.

Amateurs set up antennas and radios at man sites to help in the relocation efforts. They provided radi communications for the hospital as it evacuated. The coordinated with ambulances from throughout Nort Dakota in evacuating hospital and nursing home patients. In East Grand Forks, as conditions continued to deteriorate, amateurs were even requested to relay 911 calls from Polk County Dispatch when telephones stopped functioning. John Vik, KB0BSJ, provided a portable repeater to assist in relaying emergency calls. Communications to emergency officials during this time were limited and extremely difficult -but never ceased.

Perhaps the most difficult task faced by amateurs on both sides of the river was the forced relocatio of both Emergency Operation Centers. On Frida evening, April 19, Gerry Nies, N0NGW, and Paul Slusar KA0CAF, arriving at the Grand Forks EOC, notice water flowing toward the building from two directions Staffers decided to immediately relocate the EOC.Radios and computers for nine agencies had to be hurriedl dismantled, loaded into all available vehicles and transported to a new site on the University of North Dakota campus. As they were leaving, high water forced the volunteers to drive down flooded streets.

The first radio systems to become operational at the new emergency center were installed by amateur and came on line less than two hours after the old EO was evacuated. Hams worked into the early hours of the next morning reinstalling other radio systems. More than 1000 feet of coaxial cable was used in the process. University officials did their part in readying telephone hookups and installing antenna mounts on the roof of the building.

East Grand Forks also had to relocate its EOC. First, the team moved to the Police Department, which was farther from the river, but still downtown. Later, as the flood waters that had taken the original EOC now threatened the Police Department, they relocated a second time to a hotel on the eastern edge of the city.

By early Saturday morning, April 19, the river had topped 52 feet. The sole remaining bridge between the cities was closed. Because amateurs were sharing work between the Grand Forks and East Grand Forks EOCs, volunteers now had to drive for four hours to reach a passable bridge. The order to evacuate all areas of both cities was received on that Saturday. More than 50,000 people were evacuated from their homes. Flood waters now covered three-fourths of Grand Forks and nearly all of East Grand Forks. In East Grand Forks, a city of 9000 people, only 8 homes in the entire city would remain dry. Remarkably, no lives were lost during this massive mobilization.

Still Work to Do

Many hams, now working from newly relocated EOCs, also faced evacuation. While doing what they could to help rescue efforts, their first priority had to the safe evacuation of their own families. Most faced flooding in their own homes. Some hams were able to save some of their equipment...others saved none. Amateurs from the Grand Forks Air Force Base were of great help at this time. These hams were granted leave from their normal base duties and stood watch for many days in the EOC. This gave local hams time to help their families during the flood and during the post-flood cleanup.

More than 100 hams assisted in the flood work. Because of the loss of power, water and sewer lines to the cities, living conditions were primitive at best. The water treatment plants and many lift stations were flooded. Power had been shut off to reduce the chances of fires. Several homes and 11 downtown office buildings were destroyed by fire. Many hams stayed with emergency workers in the few hotels that didn't flood. Bottled water was brought in for drinking, not washing, and portable toilets were everywhere. The only available showers were 15 miles away. Food and clothing were provided by the Red Cross and the Salvation Army. Because of the devastation, these conditions lasted for weeks.

After the evacuation, there was still much work for hams to do. Cellular phone channels were overloaded because of the disaster, and people from the two cities that had evacuated to all 50 states were jamming the working landlines. Hams were able to provide critical communications to officials who had previously relied on cellular phones. Key organizations such as the Coast Guard requested that ham volunteers stay near their workers throughout the disaster.

In East Grand Forks, hams distributed 800 MHz trunking radios for various relief agencies. They maintained a database of all key flood fighting personnel who had radios or cell phones and performed daily radio checks. They also helped maintain a database of the 9000 East Grand Forks citizens who had been evacuated.

Hams continued to operate at the relocated EOCs for about two weeks. At that time, people had begun to return to the cities, and amateurs, too, returned to their homes to assess the damage. The effort and time put in by area hams was extraordinary. City and regional officials were very thankful to the many hams who assisted in fighting this disaster. Many hams came from all over the United States to our communities to help during the crisis. It would be impossible to list them all. These amateurs performed their duties without complaint and often went home without a sincere "thank you".

Disasters of this proportion can overwhelm people, leaving them with feelings of anxiety, helplessness and despair. Working as an amateur during the flood helped in some ways to relieve many of these feelings, even as we watched our cities being destroyed overnight.

Pretty awesome stuff in my opinion. 73, Shirley, N7QHW

Editor's note: We all can make a difference. To make that difference, it helps lots to be familiar with procedures and to have practiced them as many times as possible. That is why ARES has practice drills. That is the real purpose of Field Day and many other contest type exercises - the participant practices his radio technique and learns about antennas, what works, what doesn't, propagation, etc. It is important to be active and to keep your skills honed for that time when they might be needed. See Shirley, N7QHW, at meetings for ARES information or call Alan, KB7SVU, at 253-840-4947 or Bob, KB7NBQ, at 253-875-0755 to get on the active list for the Pierce County ARES organization. We need to expand on the Boy Scout motto - BE ACTIVE! BE PREPARED!

Radio Club of Tacoma License Exams

APRIL 14 , 1998

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: RCT for $6.25. For information call:
Shirley Murphy, N7QHW, @ 253-265-3661

MINUTES

Radio Club of Tacoma, Inc.
Board Meeting
March 4,1998

The Radio Club of Tacoma's Board meeting was called to order at 7:30 PM by Vice-President Alan Hughes, KB7SVU. Others officers and board members present were Alan, N7EAY, Al, K7HW, Morel, W6LIX, and Bill, W7GBC. Guests present were David, WB7AUJ, Rich, N7ANF, Hal, W7EC, Bob, W7SKI, and Authur, AA7EO.

Treasurer's Report: No Treasurer's report submitted.

Correspondence: None

Committee Reports:

Training: Bill, W7GBC, reported that no meeting has been set for any up coming classes. Bill made a motion to make 100 fliers for the General and Advanced classes. Seconded by Morel, W6LIX. Passed.

Education: Jerry, W7BUN, reported that he will have an Antique Radio Repair class starting March 14th, and will run for 4 weeks at Jerry's home. Contact Jerry for more information.

Flea Market: Bill, W7GBC, reported that they still need a chairman for the 1998 Flea Market in August. The space has been reserved at Charles Wright and has secured a signed contract from them. Bill said that the fees have increased $60.00 to $70.00 from last year. He also reported that he has applied to the ARRL for an approved Flea Market. Bill also stated that he has ordered mailing labels for all hams in the Pacific Northwest.

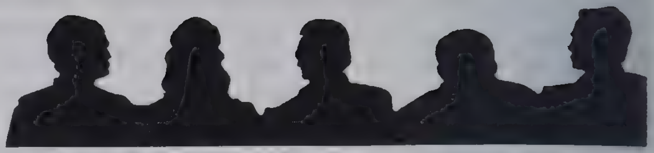
AREA/RACES: Alan, KB7SVU, reported that more people in Pierce County check into the 145.37 net than all other counties combined. The net is on the 1st Tuesday of each month at 8:00 PM.

Old business: Jerry reported on the Jim Kirkreit Memorial award. The board will look into how it will be handled.

Al, K7HW, reported on the annual audit of the RCT books. A motion was made by Bill, W7GBC, that the secretary Alan, N7EAY, write a letter to the person doing the audit that it has been approved by the board. Seconded by Al, K7HW. Passed.

David Dodd, WB7AUJ, stated that he would like to see changes in the club station, possibly adding a station to the clubhouse downstairs.

Al, K7HW, made a motion to purchase locks for the storage room in the garage. Seconded by Bill, W7GBC. Passed.



New Business: Jerry, W7BUN, offered to take over as program chairman. Approved by Alan, KB7SVU, pending approval by absent President Roger WA7ANJ.

Health and Welfare: Roger, WA7ANJ, is out of the hospital and will be on crutches for about 3 to 4 months.

The meeting was adjourned at 8:45 PM.

Respectfully Submitted,
Alan Allen, N7EAY, Secretary
Radio Club of Tacoma

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO CONTINUE RECEIVING YOUR BARK

Radio Club of Tacoma, Inc.
Regular Meeting
February 11, 1998

The Radio Club of Tacoma regular meeting was called to order at 7:30 PM by President Roger Terwilliger, WA7ANJ.

Treasurer's Report:

General Checking	$552.61
Repeater Fund	360.01
Packet Fund	372.57
Class Fund	0.00
Scholarship Fund	700.00
Flea Market Checking	500.00
Scholarship CD	2,982.70
WM Financial Service	13,596.39
Total All Funds	$19,064.28

Current membership - 285.

Correspondence: Eugene Hamfest, Saturday, March 28th, 1998. For more info e-mail John277@juno.com o call 541-747-2898.

Program: Alan, KB7SVU, introduced tonight's program the film "Amateur Radio's Newest Frontier in Space".

Committee Reports:

Training: Al, K7HW, said that the first class this year wa held on February 7th and 8th. The next class will be i April. There is no date yet.

Field Day: David, WB7AUJ, reports that he has nothing new on this year's Field Day.

Bark: Roger, WA7ANJ, reported that we need to ge more articles of interest in the Bark. They can be e-mailed to Kathleen, NØEYK, at knace@excell.com. If you do no have e-mail, find someone in the club that has and i willing to do it for you.

Tuning and Traffic: Bob, W7SKI, reported that HF bands have been quite slow. There has been some activity into Europe.

Good of the Order: Shirley, N7QHW, reports that she still needs more orders for Club jackets. If you are interested contact her for prices and information abou

Nora, KC7JME, reported that the club roster will be in the mail soon to each club member.
The meeting was adjourned at 8:27 PM.
Respectfully submitted,
Alan Allen, N7EAY, Secretary
Radio Club of Tacoma

ATTEND CLUB EVENTS

SPECIAL SERVICE CLUB

Radio Club of Tacoma, Inc
Regular Meeting
February 25, 1998

The Radio Club of Tacoma regular meeting was called to order at 7:30 PM by Roger Terwilliger, WA7ANJ. There were 51 members present.

Treasurer's Report:

General Checking	$1169.73
Repeater Fund	360.01
Packet Fund	372.57
Class Fund	0.00
Scholarship Fund	700.00
Flea Market Checking	1,500.00
Scholarship CD	2,982.70
WM Financial Services	12,155.82
Total All Funds	19,240.83

Club members to date: 318

Correspondence: None

Health and Welfare: None

Program: Alan Hughes, KB7SVU, introduced three speakers, Bob Tilley KB7NBQ,Jim Sutton, State ARES representative, and Marina Zuetell, Western Washington District 6 Medical Coordinator.

Committee Reports:

Flea Market: Bill, W7GBC, reported that plans are being worked on for this year's 1998 Flea Market at Charles Wright Academy. David Dodd, WB7AUJ, wanted to remind everyone that help will be needed at the Mike and Key Flea Market on March 7th at the Puyallup Fairgrounds.

BARK: Nora, KC7JME, reported that, on Friday at 10:00 AM, help at the clubhouse will be needed to put the Bark together. Roger also asked for articles to be placed in the Bark. He stated that this is our newsletter and we should support it.

Hints and Kinks: None

Tuning and Traffic: Bob, W7SKI, reported that all the bands are open.

Good of the Order: Roger, WA7ANJ, report that a TNC was missing from the clubhouse, and that it needed to be returned.

The meeting was adjourned at 8:18 PM
Respectfully submitted,
Alan Allen, N7EAY, Secretary
Radio Club of Tacoma

COLONEL SAMUEL STEERE, N7SS, USAF Retired
BORN MARCH 8 1916
PASSED AWAY 22 FEB 98

No local services. A full military funeral will be conducted at Arlington National Cemetary in Virginia. Sam was a member of the Radio Club of Tacoma and a USAF MARS member, AFA5MC.

Contributed by Willard C. Johnson, KJ7M

RADIO CLUB OF TACOMA

VOLUNTEER

W7DK

ARRL
RADIO CLUB OF TACOMA
W7DK

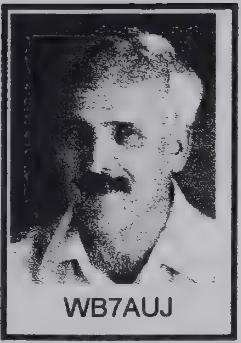
TIME TO UPGRADE

FREE GENERAL CLASS WORKSHOP BEGINS APRIL 20TH

A workshop to help Technician class licensees pass the written General class exam will begin April 20th. The class will meet for five Monday evenings from 7:00 to 9:30 PM. An ARRL General Class License Manual will be used as the study guide. Pre-registration is necessary, since class size is limited. Call Jerry, W7BUN, at 253-845-7652.

AMATEUR RADIO
Friendships
around the world!

CONTESTING


WB7AUJ

April is a slow month for contesting.

The one major contest is a data one, the EA RTTY contest the first week-end of the month (April 4-5). This contest is sponsored by the Union de Radioaficionados Espanoles (Spain). Entry categories single operator - single band, single operator - all band and multioperator.

Looking at last years April issue of QST, I see a couple of contests that are not in the previews of the March issue. One is the County Hunters SSB Contest. Last year it was the first week-end of the month. County hunting is a lot of fun. Maybe when Kathleen gets back from her travels, we can get her to do a program about it at one of the club meetings. She did one two or three years ago.

The second one is the International HF Grid Location Contest. This is like the VHF contests where you try and work as many different stations in as many different Maidenhead grid squares as possible. This contest was the second week-end of the month last year.

It's hard to write this column when the deadline for the Bark is before the magazines for the month come out.

For VHF/UHF contesters, there are the ARRL Spring Sprints:

144 MHz	April 13
222 MHz	April 21
432 MHz	April 29

If you have any questions on these or any other contests, feel free to give me a call. My phone number is (253) 584-3620. (I live in Steilacoom.)

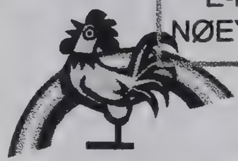
73 & may the sun-spots smile on your contesting! David Dodd

Where is the Diamond state?? Well, a couple of hints. It is in the eastern part of the country. It has three counties: New Castle, Kent and Sussex. It is the smallest state in the county. There is a certificate available for working all three counties, The Diamond State Award. Make a contact with someone in each of the counties and send cards plus fee of $2.00 to D. Hart, KE3WH, 6 Harpers Place, Bear, DE 19701. Oops, gave the answer away.

THE SKY'S
THE
LIMIT
WITH
AMATEUR
RADIO

Editor's Notes

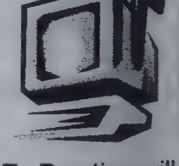
de N0EYK



E-Mail address:
N0EYK@excell.com

Hi from Midland-Odessa, TX. We are at a campground right in between the two.

Since I last wrote, we have attended the FMCA Full Timers Chapter rally, the BIG (7000+ motorhomes of ALL shapes and sizes) convention, the FMCA Amateur Radio Chapter rally (I won an HT!), have gotten all the service done on the coach in Nacogdoches and Dallas, attended the SouthCentral Mini Convention of county hunters at Lake Texoma, OK. and are now trying to go west, headed for the LA area! I need some rain!!! We are having a great time, but I am going to be glad to stop for a while - soon, I hope.



This issue's ARES article and the programs coming in April will help all of us come to a greater understanding of the amateur radio prime directive - SERVICE. Practice will make that service a usable resourse in time of need. We have created some "carrots" to lead us to that practice, ie. contests, county hunting, Field Day. So practice, practice, practice! Be active at home or use the club facilities.

We are the Amateur Radio SERVICE!

See you next month. 73, Kathleen

SCHEDULE YOUR SWAPMEET VISIT IN 1998!

May 29-31 SeaPac, Seaside, OR
Aug 8 RCT Flea Market, Charles Wright Academy

Stef and Marilyn Thordarson Sailing Adventures

Hi again. Yes, this is another "group" note. Can't seem to get those individual letters out. We last left you in Las Hadas. While there we hired a taxi & driver to take us to Calima, the capitol of Jalisco. Saw ancient indian ruins built around 400! 129 acres they accidentally discovered. Unfortunately the government has only been able to excavate about 1% of that. Also visited the museum and gallery. In the museum they had one room that was dark except had a glass floor and underneath us was an indian burial site with the remains of two skeletons and many pots, bowls and treasures typically buried with them. A very realistic exhibit. Then we went to a great little restaurant where all we paid for were our drinks and that was about $3 a piece. They brought a parade of food. I can't begin to describe all the different things we ate. It just kept coming and coming and was wonderful. We sat out front so were also entertained by the many musicians wandering by. Was nice to see a little different side of Mexico.Then we decided we'd better start heading North (actually almost West) back up the coast toward Puerto Vallarta. We anchored in Santiago Bay, Carrizel, Tenacatita, Isla Pasevera and Chemela. Seemed like the anchorages got progressively more rolly so Tues 7pm we decided to pull up and head north. Has been nice to have our cruising partners on Raja to enjoy the scenery with and also nice to have another boat along when out in that big pond, especially at night. I didn't get seasick this time! I think it's because the anchorages were so rolly that I'd finally gotten accustomed to it. (That's one of the suggested prevention measures.) It was a beautiful night, lots of stars and just a sliver of the moon showing through the few clouds. We had planned to anchor in Ipala but since it was pitch dark and because the weather was fairly benign, we decided to truck on up around Cape Corientes while the conditions looked good. We had some bouncy times but wasn't too bad. Entered Banderas Bay yesterday morning. Stopped of at the Tres Mariettas. This is an outcropping of rocks about 20 miles outside PV. It's a bird refuge so lots of sea life. The rocks have caves and tunnels, etc. and the beautiful turquoise ocean crashing against them made quite an impressive site. Since it was too rolly to stay there, we headed on across Banderas Bay toward Punta de Mita. Diverted along the way by our first real WHALE watching! What a site. There were at least three Humpbacks. Kind of looked like a mother and two young. Sometimes they would jump completely out of the water, making a slow spinning turn as they did so. They blew, they rolled, and they waved their tales at us. Truly an incredible site. Another of those memorable times I wish we could share with you. Spent the night anchored behind Punta de Mita. Still rolly but nothing like the previous anchorages. Now we're motoring in to PV to pick up a few groceries and hopefully send/receive e-mail. It's been two weeks since we've been ashore. We would really feel out of touch except for our almost-daily contacts on the Ham with our radio buddy, Mac, in Gig Harbor. The weather remains wonderful. We're truly blessed. Now I guess before we land I'd better go try to find my shoes. :) Marilyn P.S. We have reservations at the marina in P.A. March 3 for two weeks so will be checking our e-mail regularly then.

Editor's note: It is always good to hear from our traveling members. Thanks for another update, Marilyn. If you are interested in trying to chat with Marilyn in Mexican waters, check with Mac, W6NBD or Worth, W7WG for times and frequencies.

ARRL
RADIO CLUB OF TACOMA
W7DK

ELECTRONIC FLEA MARKET

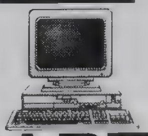
AUGUST 8, 1998

CHARLES WRIGHT ACADEMY
TACOMA, WA

9 AM TO 3 PM

HAM GEAR

COMPUTERS



ELECTRONIC PARTS

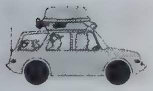
ADMISSION $4 (12 AND UNDER FREE)

VERNIGHT RVs: $2 (Self Contained - Fri Night only)

FREE PARKING * SNACK BAR

Country Store Available
for Consignment Sales

Commercial Displays
Club Information



Talk-In on 147.38+

DOOR PRIZES

One door prize ticket with each admission
Two tickets with each advance admission

License Examinations Will Not be
Available at the Flea Market
However, License Exams will be given at the
Radio Club of Tacoma Clubhouse Tuesday Aug 11 at 7 PM

For More Info call: Alan @ 253-840-4947 Bill @ 253-584-1086 W7DK @ 253-759-9040

Mail to: Radio Club of Tacoma Box 11188 Tacoma, WA 98411
Make Checks Payable to RCT Setup Friday 5 - 9 PM and Saturday 6 - 9 AM

DESCRIPTION	$
Non - Commercial Tables @ $15 each All tables sold include one badge	
Commercial Booths @ $30 each Includes 2 badges	
Helper Badges @ $4 each All helpers must have a badge	
General Admissions @ $4 each Advance admission sold thru 7/15/98	
Total Enclosed =	

Name: ____________________

Call: ____________________

Address: ____________________

____

City: ____________________

State: ___ Zip: ____________

Phone: ____________________

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RADIO CLUB OF TACOMA
PO BOX 11188
TACOMA, WA 98411-0188

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AUGUST 8, 1998

ELECTRONIC FLEA MARKET

9 AM TO 3 PM

CHARLES WRIGHT ACADEMY * 7723 Chambers Creek Rd West * TACOMA, WA

FROM SEATTLE

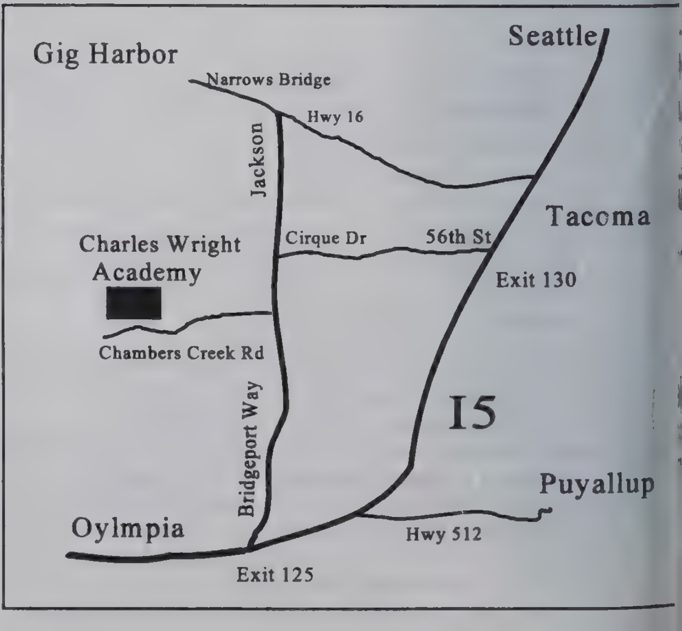
Take I5 south to EXIT 130 (56th Street). Go west on 56th 3.6 miles to Bridgeport way (It will change names to Cirque Dr on the way). Turn LEFT and go south .8 miles to CHAMBERS LN. Turn RIGHT and go .7 miles (Chambers Ln changes into Chambers Creek Rd).

FROM OLYMPIA

Take I5 north to EXIT 125 (Bridgeport Way). Go north on Bridgeport Way 4.4 miles to CHAMBERS LN. Turn LEFT and go .7 miles. (Chambers Ln changes into Chambers Creek Rd)

FROM GIG HARBOR

Take Hwy 16 east. EXIT on Jackson just after crossing the Narrows Bridge. Go south on Jackson 3.8 miles to CHAMBERS LN. (It changes names to Bridgeport Way at 19th St) Turn RIGHT and go .7 miles. (Chambers Ln changes into Chambers Creek Rd)


Gig Harbor
Narrows Bridge
Seattle
Hwy 16
Jackson
Tacoma
Charles Wright Academy
Cirque Dr
56th St
Exit 130
Chambers Creek Rd
Bridgeport Way
I5
Puyallup
Oylmpia
Hwy 512
Exit 125

5/98

MAY
1998

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

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COMING EVENTS

MAY 2 - Pinochle Potluck - 7 PM at the Clubhouse

MAY 6 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

MAY 10 - HAPPY MOTHER'S DAY!

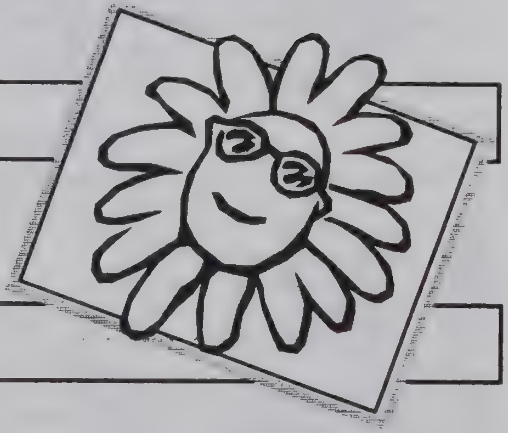
MAY 12 - License Exams - 7 PM - Clubhouse

MAY 13 - Club Meeting - Library Administration Center, 7:30 PM
Program: APRS - The Marriage of Packet Radio and GPS

MAY 15 - BARK deadline

MAY 25 - MEMORIAL DAY observed
Ladies Pinochle - Noon, Clubhouse

MAY 27 - Club Meeting - Library Administration Center, 7:30 PM
Program: Demonstration of an Easy-to-Build Simplex Repeater

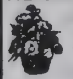
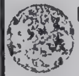


Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events. Contest calendar - page 9. See page 3 for meeting program schedule.

HAPPY MOTHER'S DAY!

May 1998

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 MAY DAY	2 9:00 AM OPEN HOUSE 7:00 PM PINOCHLE POTLUCK *JOHN, KB7TGE
3 *BILL, WA7YNP	4 *FRED, KB7ZT	5 7:30 PM RCT NET 147.28R *MERRIE, KC7IBJ	6 7:30 PM RCT BOARD MTG	7 *LOU, KB7WDB	8 *DAVID, KG7OP	9 9:00 AM OPEN HOUSE ARRL VHF/UHF SPRING SPRINT 902/1296/2304 MHZ
10 *MARK, KC7FAA *RUDY, N7CJM ARRL VHF/UHF SPRING SPRINT 902/1296/2304 MHZ  HAPPY MOTHER'S DAY	11  FULL MOON	12 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R	13 *AL KC7YGC *SHELLEY W7ATB RCT MEETING 112TH ST E & WALLER RD	14 *DAN KC7TRL *NICK, N7BCV	15 *HAROLD, KA7RNL BARK DEADLINE	16 9:00 AM OPEN HOUSE ARRL VHF/UHF SPRING SPRINT 50 MHZ
17 *PAT WA7UNF	18 *DANNY, KC7KAN	19 7:00 PM MVWS EXAMS VE 7:30 PM RCT NET 147.28R *ROB, K7TGU	20	21 *WADE, WA7OHG	22 *MARK, KC7JHZ	23 9:00 AM OPEN HOUSE *RON WA7UQV
24 *JIM KC7QBE NEW MOON	25 12:00 PM CLUBHOUSE LADIES PINOCHLE *KATHLEEN, N0EYK MEMORIAL DAY	26 7:30 PM RCT NET 147.28R *JOHN, N7KN *STAN, N7KMF	27 *DICK W7RGD *SCOTT KA7IOX RCT MEETING 112TH ST E & WALLER RD	28	29 *STEPHEN, WB7WUX SEA-PAC CONVENTION	30 9:00 AM OPEN HOUSE *JIM, N7RRK *SIGNE, W3IIJ SEA-PAC CONVENTION
31 *MARY, W7SKR SEA-PAC CONVENTION						

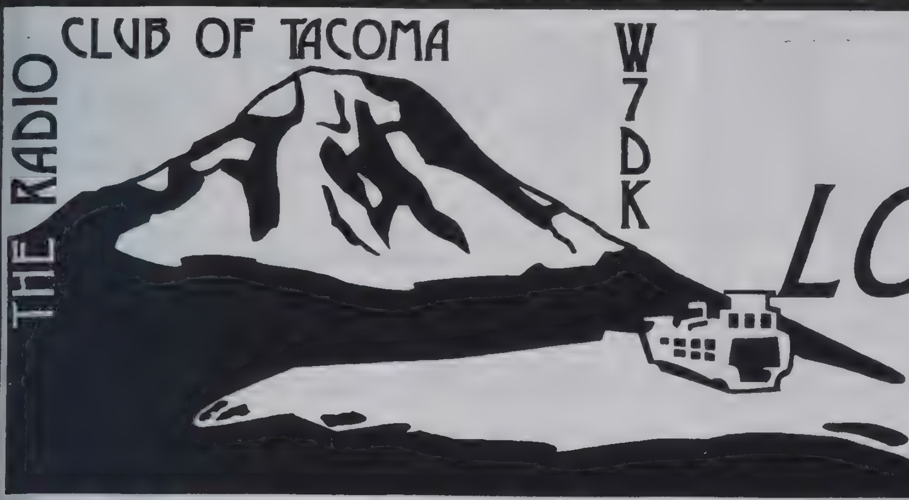
April 1998

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

June 1998

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

THE RADIO CLUB OF TACOMA
W7DK



THE LOGGER'S BARK

VOL. XXXV NR. 5 W7DK MAY 1998

FROM THE PRESIDENT

WA7ANJ

It feels like Spring! Eternal Optimism! New beginnings, in Nature and RCT! Not really new in the Radio Club, as we've done most of it before and we'll do it all again. There are still some great opportunities to get involved in upcoming activities. Let me tell you how I know.

When a sign-up sheet would make the rounds at the nonthly meeting, I assumed the "regulars" (read 'clique') vould all get together and get the job done - they always lid before. And, what could I possibly do to help?? I lidn't even know HOW to do what they were doing. But hey kept asking for help. I thought, "Why doesn't somebody do something about..?". Then, I thought, Hey, I'm somebody." I went in to my - 'fifty reasons why NOT to do something, and ONE reason to DO IT!' - node, and decided to VOLUNTEER! I'd let them refuse ny service, then I was off the hook, right? Um, not really but I also discovered that the "experts" were just like us you and I. They knew some things that work, some that lidn't, and were open to new ideas! They were more than willing to listen to the "new guy" - even talked him into running for President! "Send me in, coach! I can do it!!".

We urgently need an "open house" volunteer, or two, for Saturdays at the club house. Great benefits! Still looking for a Flea Market Chairperson. This is our big fund raiser. As in most organizations, our annual obligations keep pace with our income. How about the next license training class? Did you ever want to teach? An excellent opportunity to help increase our ranks. ARES and RACES are becoming "buzz words" in Amateur Radio, and RCT, today. See Shirley, N7QHW, for an application!

I'm sure that you - and I - would not have stayed with the club if all we had was a monthly meeting. The "extras" provide a variety of opportunities and experience, and help us reach out to the community.

As an aspiring board member said to me before the past election, "When I hear people talk about a 'clique', I tell them to come join the 'clique'.". And so I did.

Come join the "clique". Have FUN with Ham Radio!
73, Roger

🕮 IN THIS ISSUE...

▶COMING RCT PROGRAMS - Page 3

▶SWAP MEET SCHEDULE - Page 5

▶MAY CONTEST CALENDAR - Page 9

▶ ARRL NEWS - Page 6

▶ VOLUNTEER TODAY!!!!

ARRL
RADIO CLUB OF TACOMA
W7DK

CHECK IT OUT!

RCT Web Page:
www.mashell.com/~roblee/rct.htm

RADIO CLUB OF TACOMA – 1998

PRESIDENT	ROGER TERWILLIGER	WA7ANJ	475-4293
V PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
SECRETARY	ALAN ALLEN	N7EAY	475-7413
TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
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	MIKE CRAWFORD	WB7DFQ	531-4789
	MOREL GUYOT	W6LIX	838-5433
	BILL SHIMMIN	W7GBC	584-1086
	LOU SIMMONS	KB7WDB	847-5124
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	ROGER NACE	K8RN	xxx-xxxx
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	JERRY SELIGMAN	W7BUN	845-7652
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	JERRY SELIGMAN	W7BUN	845-7652
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PUBLISHER	W7DK PRESS	N7QHW	265-3661

◆ ◆ ◆

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@excell.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

***THE LOGGER'S BARK*, OFFICIAL PUBLICATION OF THE RADIO CLUB OF TACOMA, IS PUBLISHED MONTHLY BY W7DK PRESS, PO BOX 11188 TACOMA, WA 98411. THE PUBLICATION IS MAILED FROM TACOMA, WA 98411 UNDER 3rd CLASS BULK, NON-PROFIT ORGANIZATION, US. POSTAGE PAID TACOMA, WA. PERMIT #1078.**

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma
147.28 / .88 MHz **144.97 - Packet**
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Christina Johnson, KC7WZC RCT # 2005
1417 394th St S
Roy, WA 98580-9006 360-458-8607

Wendy Roberts, KC7VUO RCT # 2006
1020 E 34th St
Tacoma, WA 98404-3105 253-627-2511

Kermit J Thompson, W7PMR RCT # 2007
96 Bon Bluff Drive FI
Fox Island, WA 98333-9746 253-549-4176

Reinstatements

Address/Phone Changes/Corrections

Al Churchill, KC7YGC
Correct phone number is 253-847-3215

Michael Paine, KD7BAE
Change street number to 29th

John Pike, N6FUS
6020 89th St E
Puyallup, WA 98371-6291 Phone Unknown

Mary Kelley, W7SKR
2120 Marina Ln SE
Lacey, WA 98503-3187 Phone probably the same

E-Mail Address Changes/Additions

Bill Rohrer, W7IJ
Add e-mail address 71736.1220@compuserve.com

Dan Hale, KC7IEI
Add e-mail address kc7iei@worldnet.att.net

New Calls/Upgrades

Michael Paine, KD7BAE

Silent Keys

ACCIDENT & BODILY INJURY
LAW OFFICES OF
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(206) 471-1000
(800) 585-8500

AJ7Y

DOUGLAS K. SMITH
Attorney at Law
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2702 South 42nd Street
Tacoma, Washington 98409

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PERIPHERALS,
AND UPGRADES
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Roy Richards
642 NE Woods Ct.
Bremerton, WA 98311
Voice/Fax: (360) 479-2619
E-mail: 2ndbyte@kendaco.telebyte.com

PINOCHLE

2 gatherings each month

Pinochle & Potluck - 7PM
1st Saturday of the Month
Ladies Pinochle - 12 Noon
4th Monday of the Month
Both gatherings at the Clubhouse.

COMING PROGRAMS AT RCT

MAY 13TH - APRS - The Marriage of Packet Radio and GPS
Doug Wetzel, K7IP, will explain the Automatic Packet Reporting System (APRS)
APRS is a newer packet protocol which transmits data from various sources to users of the system. These sources include (but are not limited to) GPS (Global Positioning System) coordinates from mobile stations and current weather conditions from fixed and mobile weather stations. (Comments from Roger, K8RN)

MAY 27TH - Demonstration of an Easy-to-Build Simplex Repeater
Mike Crawford, WB7DFQ, and Al Burleson, K7HW, will demonstrate an easy-to-build simplex repeater. This type of repeater records the incoming voice signal and plays it back on the same simplex frequency. Being portable, it is ideal for emergencies when you're out of range of regular repeaters. By setting it up on a hill during a search, communications can be achieved in canyons and behind hills that block other signal paths.

JUNE 10TH - Simple, Inexpensive Antennas for HF, VHF, and UHF
Jack Thornton, N7OYR, of Shoestring Antenna fame will discuss and demonstrate VHF and UHF quad antennas, 6-meter quads, HF wire antennas, roll-up J-poles, counterpoises for handhelds, a quad backpacker antenna, G5RVs, and a 3-element beam using copper tape on a garbage bag. Jack started Shoestring Antenna in 1992, and will share his extensive knowledge of simple inexpensive antennas at this program.

JUNE 24TH - Final plans for Field Day
Field Day is June 27th and 28th. This will be the final scheduling of stations and operators, a review of equipment requirements, and help and scheduling for antennae erection. This is the most fun activity in amateur radio all year. You can participate, no matter what your class of license. GET INVOLVED! IT'S A BLAST!

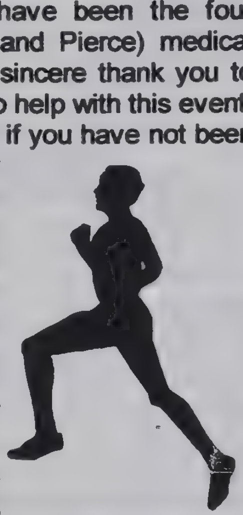
JULY 8TH - Foxhunting
Charles Scharlau, NZ0I, will feature a presentation on fox hunting. This is not the type of hunt where people on horses and a bunch of hounds chase a fox. This is where amateur radio operators get out their portable equipment and go looking for a hidden miniature transmitter. Foxhunting combines technical expertise with a persistence to find the hidden transmitter. Charles will bring a lot of items for show and tell, and he will invite RCT members to join the sport and participate in the North Kitsap ARC foxhunts.

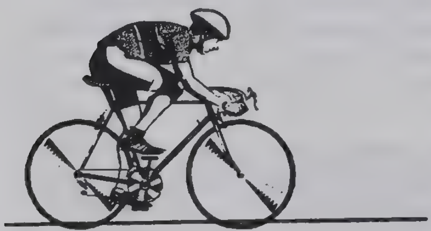
JULY 22ND - Project Argus - Amateur Radio SETI Program
Tom Sanders, W6QJI, is the NW Coordinator for the SETI league - Search for Extra Terrestrial Intelligence. The amateur program is Argus - after the mythical being with a hundred eyes. With billions of galaxies each containing billions of stars, it is quite likely that life has developed somewhere else in the universe. The equipment required to participate in this project is mostly off the shelf. This is a chance for amateur radio to do some serious science. Tom will show some very spectacular pictures from the Hubbell Space telescope.

ARES/RACES

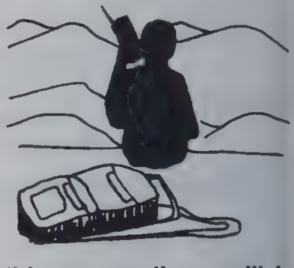
It seems that spring has sprung and I am about one month late on the usual happenings. By the time you have read this, the Daffodil Parade in Orting, Multiple Sclerosis Walk and the March of Dimes will be history. I extend my sincere thank you to each and every one of you that helped to make these events a success again this year.

Also behind us will have been the four county (Mason, Kitsap, King and Pierce) medical exercise. Again, I extend my sincere thank you to each of you who volunteered to help with this event. But there is more to come and if you have not been able to volunteer due to other commitments, there is still time to help out with these coming public service events. The next event to occur, that I am aware of, is the **Sound to Narrows Run** which will be on June 13, 1998. All events begin with a meeting to inform everyone of their assignment for the day. The meeting occurs at breakfast at 5:00 AM at Denny's located at 6th and Pearl in Tacoma. Please call Judy, N7NII, at 253-847-5198 to let her know that you will be at the breakfast so she can notify the restaurant. Judy tells me that the 5:00 AM breakfast is mandatory so plan to be there unless she excuses you. Future events include the Tour De Pierce Bik-a-thon which is held in July (usually the second weekend) and lots of help is needed throughout the county.





In the fall on the 22nd of September will be "Soundshake 98". This will be an exercise that will encompass multiple counties and the state also. There will be a simulated earthquake, total communication blackout of telephones (yes, cellular also) so the only means of communications will be amateur radio. The event will include hazardous material spills as well. We don't have the exact numbers of persons needed to help with this exercise but it will be many and, since it is a Tuesday, this means there will be fewer people available. Please try to set aside some time for this event now. Let Alan, KB7SVU, know if you can help. (Telephone listed below.)



N7QHW

In addition to the above needs, there are still needs for leadership positions to be filled in ARES/RACES. There are some zone leadership positions, a hospital leadership position, and public service event leadership position. Remember the Radio Club of Tacoma has committed to support ARES/RACES by providing support for public service events. So please volunteer.

If you can help with any of the above events or leadership positions, contact Alan, KB7SVU, at 253-840-4947 or Bob Tilley, KB7NBQ, at 253-875-0755.

If you do not have a State Workers Identification Card and want to volunteer, you need to get a card. I extend a personal invitation to each of you to get involved.

For those of you already have a card, remember check your Department of Emergency Management(DEM) card to be sure it has not expired. If it has you need to fill out a new application and turn it in to Alan or Shirley(info at the end of the article). Also find out which Fire District and Fire Zone you are in and let us know.

If you have not joined ARES/RACES and would like to, contact Alan, KB7SVU, ARES Emergency Coordinator and RACES Radio Officer at 253-840-4947 or see Shirley, N7QHW, at any Radio Club of Tacoma meeting for an application.

Your Ad Could Be Here!

Call, Shirley, N7QHW
at (253)265-3661 for info.

►►► *ADDRESS CHANGES* ◄◄◄

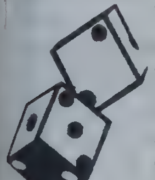
Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail.
Send changes to: Radio Club of Tacoma,
PO Box 11188, Tacoma, WA 98411-0188
or give them to the club treasurer
at any club meeting.

Editor's Notes

de NØEYK

E-Mail address:
NØEYK@excell.com

GREETINGS FROM LAS VEGAS!



Here we are, enjoying the warmest, sunniest weather since we left Puyallup! Today, the 22nd, the temperature was in the 90s, almost too warm! Since last I wrote, we have spent almost 3 weeks in Phoenix, enjoying not traveling and getting caught up on things that slip through the cracks when you are constantly on the road. We will be in Las Vegas for 9 days. The last day here we hope to witness the implosion of the Aladdin Hotel and Casino, that happens in preparation for a new casino complex. Then we will head northwest, and, after a brief stay in central CA, hope to be back in Puyallup around May 5th.

As I read through the articles that are in this edition of the BARK, I see repeatedly the cry for volunteers. In a club like ours, there are no paid positions. To make our club viable, we ALL have to take part as volunteers in whatever capacity we can. There are always opportunities to make things happen in the club and in the organizations that we have pledged to support. Right now, within the club, we need leadership for the flea market and, I'm sure, lots of helpers for Field Day. Please do a part to lighten the load that many of the same folks have carried for some time. Help prevent burn out! Thanks in advance. And many thanks to those who always step in to pick up the slack.

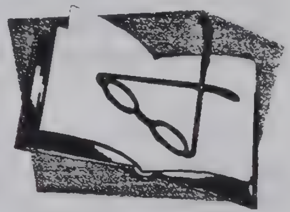
See you next month from WA! 73, Kathleen

SCHEDULE YOUR SWAPMEET VISIT IN 1998!

May 9	Stanwood-Camano Island ARC Hamfest
May 9	Portland Hamfest, Hillsboro, OR
May 9	Hamfest-Central Canyon Elem Sch., Caldwell, ID
May 29-31	SEAPAC, Seaside, OR
June 5-7	Wenatchee Hamfest
June 13-14	Rathdrum, ID Hamfest
July 17-19	Glacier-Waterton Hamfest, MT
July 17-19	Northwestern Dx Convention, Seattle, WA
July 25	Lewiston-Clarkston Hamfest, Lewiston, ID
Aug 8	RCT Flea Market, Charles Wright Academy

Amateur Radio Exams

in the Puget Sound Region as of October, 1997



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 481-2361, Bothell

2nd Tuesday - 6:30 PM - **Everett** - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clubhouse - Contact Shirley Murphy, N7QHW, 265-3661

2nd & 4th Thursdays - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, Contact Dave Barber, K7LHB, 432-1594, Maple Valley

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave - next session - September 21 - Contact Nick Bender, NX7W, 249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle

4th Saturday - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

◆ News from the ARRL ◆

de Jerry, W7BUN

Gleaned by Roger, K8RN, from ARRL sources on the Internet.

W7BUN

AMATEUR RADIO SPECTRUM PROTECTION BILL INTRODUCED

At the request of the ARRL, a bill has been introduced in Congress to ensure the availability of spectrum to Amateur Radio operators. The bill, HR 3572, the Amateur Radio Spectrum Protection Act of 1998, would protect existing Amateur Radio spectrum against reallocations to or sharing with other services unless the FCC provides "equivalent replacement spectrum" elsewhere. The bill was introduced March 27 by Rep Michael Bilirakis of Florida, a Republican, with the co-sponsorship of Rep Ron Klink of Pennsylvania, a Democrat.

HAM RADIO EASES TORNADO RECOVERY IN MINNESOTA

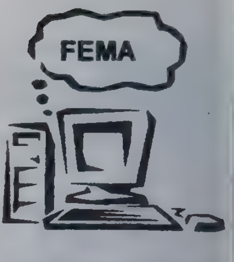
Ham radio operators from across Minnesota provided a link with the outside world this week after tornadoes struck two towns in the southern part of the state.

Tornadoes flattened Comfrey, a farm community of about 500, and badly damaged the City of St Peter, population 9000 and the home of Gustavus Adolphus College. Electricity and telephone service were knocked out by the storm on March 29. At least two people were killed.

WIRELESS PRIVACY BILL PASSES HOUSE, HITS SENATE

In a resounding 414-to-1 floor vote HR 2369, the Wireless Privacy Enhancement Act of 1998, passed the US House of Representatives in March and now awaits action in the Senate. The house-passed bill includes a report that specifically resolves concerns that the ARRL, scanner enthusiasts, volunteer fire departments and others raised with the staff of the House Telecommunications Subcommittee.

FEMA ON-LINE COURSES



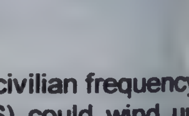
The Federal Emergency Management Agency offers a series of self-taught courses that might be of interest to amateurs involved in public service disaster response. Course titles include Emergency Program Manager: An Orientation to the Position; Emergency Preparedness, USA; Radiological Emergency Management; Hazardous Materials: A Citizen's Orientation; A Citizen's Guide to Disaster Assistance; and Basic Incident Command System. Course materials are provided as Adobe Acrobat PDF files. See http://www.fema.gov/emi/ishome.htm for details on how to enroll.

ARRL ASKS FCC TO SUPPORT VOLUNTARY BAND PLANS

Following up on action taken at the January ARRL Board of Directors' meeting, the League has formally asked the FCC to equate observance of voluntary band plans with "good amateur practice." In a request for a declaratory ruling filed April 3, the League asks the FCC to affirm that amateur operation that conflicts with established voluntary band plans and causes interference or adversely affects those operating in accordance with applicable band plans would violate FCC rules. A complete copy of the League's petition may be found on the ARRLWeb at http://www.arrl.org/announce/declreq.pdf.

LEAGUE INAUGURATES ARBITRATION SERVICE

The League has inaugurated an arbitration service for hams, ham organizations, citizens and other groups having disputes relating to Amateur Radio. The ARRL Arbitration Service offers a substitute for litigation by providing binding arbitration to settle disputes. Arbitration will be arranged through the office o Chris Imlay, W3KD, the League's General Counsel. Arbitrators will include ARRL volunteer counsel. Potential cases could involve neighborhood interference situations, disputes within local radio clubs, disagreements between a hamfest committee and an attendee or exhibitor, or even the use of a frequency (typically, but not necessarily, involving one o more repeaters).



1.2 GHZ THREAT

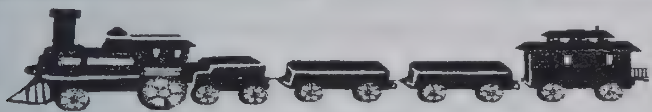
The ARRL has learned that the second civilian frequency for the global positioning system (GPS) could wind up within Amateur Radio's secondary allocation at 1.2 GHz. A decision on whether the new, second frequency will be 1205 or 1250 MHz is expected to be made in August. An allocation at 1250 MHz could mean the end of Amateur Radio in the band 1240 to 1260 MHz. The Amateur Radio 23-cm band runs from 1240 to 1300 MHz.

ALABAMA TORNADOES BRING OUT THE BEST IN HAMS

What's being described as the worst weather of its type in many years brought out the best in Alabama's ham radio community this past week. The evening of April 8, 1998, became one for the record books as tornadoes touched down in central Alabama leaving death and destruction in their wake. Upwards of three dozen people died, and many were left homeless. "To say the least, it was a ong night," said Alabama Section Manager Scott Johnson, N4YYQ, of Vincent. "The hams here did a great job!"

As the severe weather approached, dozens of hams spent hours on weather-spotting nets assisting the National Weather Service in tracking the storms and relaying reports of damage, hail, injuries and relief operations. David Black, KB4KCH, president of the Alabama Emergency Response Team (ALERT) and an ARRL PIO says hams were on the air well ahead of the actual tornadoes. As the "long night" wore on, mobile and stationary spotters on the West Alabama Emergency Net and the Alabama Emergency Net on HF checked in with weather spots, damage assessments, and injury reports. As needed, hams were assigned to assist with Red Cross shelters opened to house tornado victims.

HAM RADIO BUMPED FROM CIRCUS TRAIN

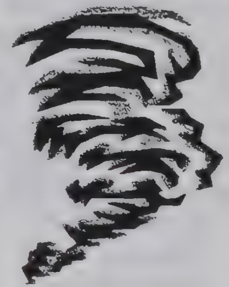


A Wisconsin ham radio tradition of more than 30 years has come to an end. Ham radio has been bumped from he annual run of the Great Circus Train. The train runs each summer between Baraboo-where the Ringling Brothers Circus got its start in 1884--and Milwaukee, the site of the annual Great Circus Parade (see "Public Service," QST, Dec 1995, page 90). ARES members rode the rails to help handle communication along the route and, once in Milwaukee, at the show grounds and for the parade itself.

n a letter to Bob Goldstein, K9KJT, of the Milwaukee's ARES group, the train's sponsors, the Circus World Museum, cited "severe space limitations" on the coaches for their decision to drop ham radio in favor of an offer of free commercial digital and analog service from PrimeCo. "We are attempting to eliminate as much clutter from the train coaches as possible this year and open up more space for our passengers," the museum's letter said.

(Editor's note: The oblique reference to the Amateur Radio Emergency Service as "clutter" brings to mind the comments from Shirley about our professionalism in appearance and action when we are involved in these situations!)

GEORGIA HAMS RALLY TO HELP TORNADO VICTIMS



Hams in the Gainesville, Georgia, area responded quickly March 20 after a tornado ripped a ten-mile swath through northeastern Georgia. The storm left a dozen dead and more than 100 injured. Members of LARC--the Lanierland Amateur Radio Club--and Hall County's ARES organization promptly set up a net on LARC's VHF repeater and set to work handling what Hall County Assistant EC and LARC President Terry Jones, K4FB, called "a massive amount of radio traffic." An Amateur Radio communications trailer also was deployed and set up operations next to the Hall County Emergency Management Agency command post. "The unit was set up and operating on emergency power in a matter of minutes," Jones said.

NORTH CAROLINA HAMS MAKE SKYWARN COUNT

Hams in North Carolina activated a SKYWARN net March 20 to track severe storms that crossed the state and provide up-to-the-second reports to the National Weather Service. ARRL PIO Gary Pearce, KN4AQ, says that early on the evening of March 20, hams reported several funnel clouds and tornado touchdowns across southern and eastern Wake County. Another tornado was spotted later near Raleigh-Durham Airport, and a funnel cloud was seen in Granville County.

SKYWARN

Radio Club of Tacoma License Exams

MAY 12 , 1998

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: RCT for $6.25. For information call: Shirley Murphy, N7QHW, @ 253-265-3661

NOTICE

The autopatch has changed and only club members will have access to the new code. To get the new code, contact Mike Crawford, WB7DFQ, at 253-531-4789 or Shirley Murphy, N7QHW, at 253-265-3661.

MINUTES

Radio Club of Tacoma
Regular Meeting
March 25, 1998

The meeting was called to order at 7:30 PM by Alan Hughes, KB7SVU, vice president. The flag salute was led by Shirley Murphy, N7QHW, and was followed by introductions of everyone in attendance.

CORRESPONDENCE: We received a letter from the Chaplaincy Memorial Fund for our donation in the name of Jim Kirkreit, K7YLM. There were also 2 Flea Market Flyers that came in, one from the Stanwood-Camano ARC to be held on May 9, 1998 from 9AM-3PM and the other from the North Mason ARES Club to be held April 11th 1998 from 8AM-3PM.

TREASURER'S REPORT:

General Fund	$1257.47
Repeater Fund	360.01
Packet Fund	372.57
Class Fund	0.00
Scholarship Working Fund	700.00
Flea Market Checking	681.18
Scholarship	2982.70
WM Financial Services	12,206.34
Total All Funds	$18,560.27

1998 RCT Members to date are 364.

ARES: Alan, KB7SVU, reminded everyone of the need for volunteers for the Hospital Exercise on April 22 and also the MS walk and the Daffodil Parade in Orting on the 18th of April.

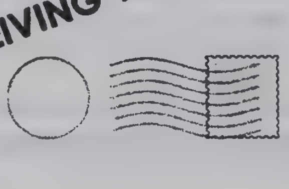
CLASSES: Al, K7HW, reminded us of the next Technician class which is April 18 & 19 and to call him at 474-9023 to register. There will also be upgrade classes for Advanced and Extra if there are enough people to sign up for them. The General class will start on April 20.

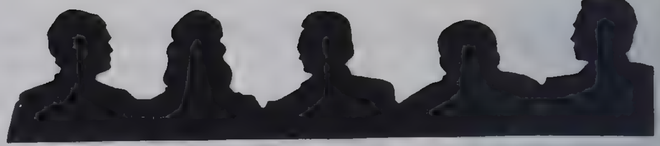
PROGRAM: Alan, KB7SVU, announced the program which is a video from CQ on DXing.

REPEATER: Mike, WB7DFQ, has the 440 repeater running at his home now for testing purposes and it will soon be up on the mountain, weather permitting. There was some discussion about noise on the 28 repeater and would a tone be used. No decision has been made to date.

The meeting was adjourned at 8:35 PM.
Respectfully submitted,
Shirley Murphy, N7QHW
Treasurer, Radio Club of Tacoma

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO
CONTINUE RECEIVING YOUR BARK





Radio Club Of Tacoma
Board Meeting
April 1, 1998

The Radio Club Of Tacoma board meeting was called to order at 7:30 PM by Vice President Alan Hughes, KB7SVU. Other officers and board members present were Shirley, N7QHW, Mike, WB7DFQ, Morel, W6LIX, Lou, KB7WDB, Al, K7HW, Roger, WA7ANJ, and Nora, KC7JME. Guests present were Tom, N7QHX, Jerry, W7BUN, Merle, W7QLG, Art, AA7EO, and Jack, WA7ENB.

First order of business: Letter Of Resignation from Alan, N7EAY read. Approved and accepted. Roger, WA7ANJ appointed Nora, KC7JME, as new secretary.

TREASURER'S REPORT:

General Fund	$1,200.74
Repeater Fund	360.01
Packet Fund	372.57
Class Fund	(82.27)
Scholarship Working Fund	700.00
Flea Market Checking	683.18
WM Financial Services	12,206.34
Scholarship Memorial CD	2,982.70
Cash on hand	31.20
Total All Funds	$18,536.74

Total members - 370.

COMMITTEE REPORTS:

EDUCATION: Al K7HW, reported there will be a No Code Tech Class the weekend of April 18th and 19th, 9 AM to 5 PM, both days.

Jerry, W7BUN, reported he will have a General Class starting April 20th. Contact Jerry for more information.

FLEA MARKET: Needs a Chairman

ARRL: The FCC will deregulate all class licenses effective April 1, 1999. FCC Form 610 replaces Form 605. The ARRL will drop Digital points for Field Day.

REPEATER: The 440 Antenna is being replaced.

ARES/RACES: Bob Tilley, KB7NBQ, has been appointed State EOC Station Manger. Alan, KB7SVU, is now Radio officer and Emergency Coordinator. He needs someone for special events coordinator.

OLD BUSINESS: Jim Kirkreit memorial award has been changed to read Jim Kirkreit event. The board thanked Jerry, W7BUN, for all the work he did for the Jim Kirkreit memorial award.

NEW BUSINESS:

Shirley, N7QHW, will compose a letter thanking people for material donations to the Club.

Two combination locks will be purchased for the club by Lou, KB7WDB.

Jerry, W7BUN, reported the John F. Rhyder Index book is missing. Please return to the clubhouse.

The meeting was adjourned at 8:50 PM.
Respectfully Submitted,
Nora A. Simmons, KC7JME,
Secretary, Radio Club of Tacoma

VOLUNTEER
FOR
CLUB EVENTS

SPECIAL SERVICE CLUB ARRL

Radio Club Of Tacoma
General Membership Meeting
April 8, 1998

The meeting was called to order at 7:30 PM by Alan Hughes, KB7SVU. The flag salute was led by John and was followed by the introduction of everyone in attendance.

TREASURER'S REPORT:

General Fund:	$1200.74
Repeater Fund:	360.01
Packet Fund:	372.57
Class Fund:	0.00
Scholarship Working Fund	700.00
Flea Market Checking:	683.18
Scholarship CD:	2,982.70
WM Financial Services:	12,206.34
Total All Funds:	$18,505.54

998 RCT Members: 372

COMMITTEE REPORTS:

ARES: Alan, KB7SVU, reminded everyone of the different events coming up and that he needs volunteers to help. May 16th, the Scouts have requested some of our club members show the Scouts how Amateur Radio works. The event takes place at Ft. Lewis.

FIELD DAY: No Report

FLEA MARKET: Needs a Chairman and Secretary

PROGRAM: Alan, KB7SVU, introduced Tom Sharpe, of Comprehensive Emergency Management. He talked bout Sound Shake, which takes place on September 2nd.

JACKETS: Shirley N7 WHW, needs three more jacket rders to make an order of twelve.

AUTO PATCH: The Code changed April 15th. Contact Mike Crawford, WB7DFQ, or Shirley, N7QHW, for the ew code.

he meeting was adjourned at 8:45 PM.

Respectfully submitted,
lora A. Simmons, KC7JME
ecretary, Radio Club of Tacoma

AMATEUR RADIO
Friendships
around the world!

CONTESTS

THE SKY'S
THE
LIMIT

WITH AMATEUR RADIO

MAY 2-3
- ARI International DX Contest
- Connecticut QSO Party
- Danish SSTV Contest
- MARAC County Hunters CW Contest
- Massachusetts QSO Party
- Ten-Ten International Net Spring CW QSO Party

MAY 9-10
- ARRL VHF/UHF Spring Sprint, 902/1296/2304 MHz.
- CQ-M International DX Contest
- Fists CW Club Spring Sprint
- Indiana QSO Party
- Nevada QSO Party
- Oregon QSO Party

MAY 16
- ARRL VHF/UHF Spring Sprint, 50 MHz.
- EU Spring Sprint, CW

MAY 23-24
- ARCI QRP Hoot Owl Sprint, CW
- Texas QSO Party

MAY 25-26
- Memorial Day CW Sprint

MAY 30-31
- CQ WW WPX Contest, CW.

VOLUNTEER

RADIO CLUB OF TACOMA

W7DK

ARRL RADIO CLUB OF TACOMA W7DK

ВЧзувшешщт Щззщкегтшен
(DXpedition Opportunity)

(I received this from Frank Billington, W7FJB. Here is an opportunity of a lifetime you might want to consider!-ed.)

Dear Kathleen,

This is the information that I got from Wallace Kaufman, KN4AC, about his planned trip to Cape Schmidt, on the Russian Arctic coast. (I have not looked it up on a map, so I can't tell you exactly where it is.) He is looking for interested hams who might want to go along on a sort of mini-DXpedition. I bought my NCG 10/160M HF transceiver from him, several years ago. We've written back and forth a few times, but then I lost his address. After more than two years, I found it, and dropped him a line to see what he was up to - and got this. This is quoted from his letter to me.

"Last year I tried to put together a small expedition to the Russian Arctic coast at Cape Schmidt where I visited in 1996. There are several hams up there, (UA0KA, UA0KBT, and UA0KR). The purpose of the trip would be to dedicate a monument a fellow up there built commemorating the wintering of the schooner Nanuk in 1929. On that boat was my friend, Bob Gleason, W3KW. Bob was going to go, though he is now 91. In any event, the trip got postponed for bureaucratic reasons."

"I now have the document to allow me to get visas for up to 20 people. No definite date yet, but I'm waiting on that any day now. Probably mid-July. How to get there is another question but information is supposed to be on its way. Two possibilities - through Anchorage-Magadan-Anadyr or through Moscow from which there are direct flights, but probably only once each two weeks. Two weeks is OK by me. I like the country up there."

"My Russian is now good enough for almost all needs. I lived in Kazakstan for two years (UN7/KN4AC) and work every year in Russian-speaking countries."

"If you have any interest or know anyone else who might be interested, I need to know as soon as possible. I'll be making up a fact sheet as soon as I have dates and transport information."

Wallace Kaufman - KN4AC
146 Quartz Hill Road
Pittsboro, NC 27312
(phone) (919) 542-4072
(e-mail) wkaufman@arcticmail.com
(fax) (919) 542-1731

...73, Frank - W7FJB

WANTED

VERTICAL HF BUTTERNUT OR
OTHER GROUND PLANE ANTENNA
CONTACT DAN, N7LSO, AT 253-531-8233

TEEN NET BACK IN FALL

Special thanks to Chirstel, KC7UFL; Jonathon, KC7VUQ; and Daniel, KC7MNY for their time and efforts as net control for the RCT Teen Net.
See you in the fall!

MOTHER'S DAY BREAKFAST CANCELED
due to lack of volunteers

Rich, N7ANF, was not able to get any volunteers to help with the breakfast. He extends a sincere best wishes and apology to all the mothers who would have come to the Clubhouse for the breakfast and hopes to be able to do it again in 1999.
HAPPY MOTHER'S DAY!

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $36, XXL ARE $40 AND XXXL ARE $43.00.
GET ONE NOW!
Call SHIRLEY, N7QHW, AT 253-265-3661, to order yours today!

ARRL

RADIO CLUB OF TACOMA

W7DK

ELECTRONIC FLEA MARKET

AUGUST 8, 1998

CHARLES WRIGHT ACADEMY
TACOMA, WA

9 AM TO 3 PM

-AM GEAR
COMPUTERS
ELECTRONIC PARTS

ADMISSION $4 (12 AND UNDER FREE)

VERNIGHT RVs: $2 (Self Contained - Fri Night only)

FREE PARKING * SNACK BAR

Country Store Available
for Consignment Sales

Commercial Displays
Club Information

Talk-In on 147.38+

DOOR PRIZES

One door prize ticket with each admission
Two tickets with each advance admission

License Examinations Will Not be
Available at the Flea Market
However, License Exams will be given at the
Radio Club of Tacoma Clubhouse Tuesday Aug 11 at 7 PM

For More Info call: Alan @ 253-840-4947 Bill @ 253-584-1086 W7DK @ 253-759-~~9~~8040

Mail to: Radio Club of Tacoma Box 11188 Tacoma, WA 98411
Make Checks Payable to RCT Setup Friday 5 - 9 PM and Saturday 6 - 9 AM

DESCRIPTION	$
Non - Commercial Tables @ $15 each All tables sold include one badge	
Commercial Booths @ $30 each Includes 2 badges	
Helper Badges @ $4 each All helpers must have a badge	
General Admissions @ $4 each Advance admission sold thru 7/15/98	
Total Enclosed =	

Name: ______

Call: ______

Address: ______

______

City: ______

State: ___ Zip: ______

Phone: ______

Do you Need Power? YES NO
(Power is limited, First come First Served)

RADIO CLUB OF TACOMA
PO BOX 11188
TACOMA, WA 98411-0188

NON PROFIT ORG
U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

AUGUST 8, 1998

ELECTRONIC FLEA MARKET

9 AM TO 3 PM

CHARLES WRIGHT ACADEMY * 7723 Chambers Creek Rd West * TACOMA, WA

FROM SEATTLE

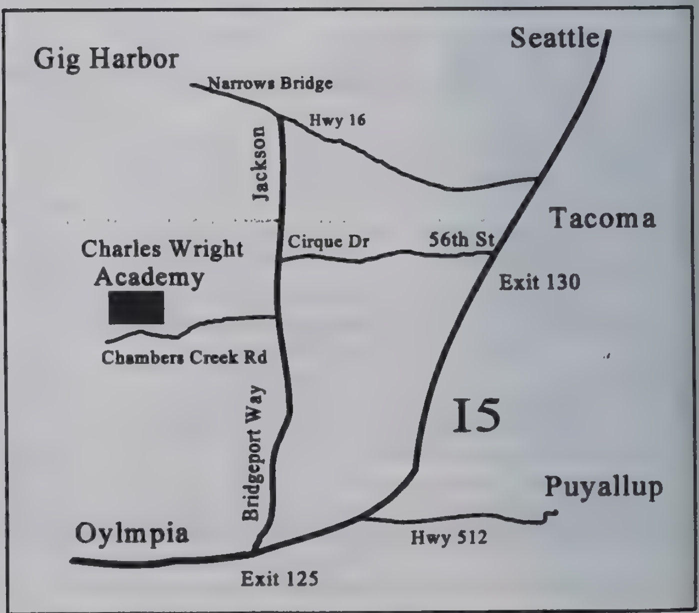
Take I5 south to EXIT 130 (56th Street). Go west on 56th 3.6 miles to Bridgeport way (It will change names to Cirque Dr on the way). Turn LEFT and go south .8 miles to CHAMBERS LN. Turn RIGHT and go .7 miles (Chambers Ln changes into Chambers Creek Rd).

FROM OLYMPIA

Take I5 north to EXIT 125 (Bridgeport Way). Go north on Bridgeport Way 4.4 miles to CHAMBERS LN. Turn LEFT and go .7 miles. (Chambers Ln changes into Chambers Creek Rd)

FROM GIG HARBOR

Take Hwy 16 east. EXIT on Jackson just after crossing the Narrows Bridge. Go south on Jackson 3.8 miles to CHAMBERS LN. (It changes names to Bridgeport Way at 19th St) Turn RIGHT and go .7 miles. (Chambers Ln changes into Chambers Creek Rd)


Gig Harbor
Seattle
Narrows Bridge
Hwy 16
Jackson
Tacoma
Charles Wright Academy
Cirque Dr
56th St
Exit 130
Chambers Creek Rd
Bridgeport Way
I5
Puyallup
Oylmpia
Hwy 512
Exit 125

JUN 1998

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

6/98

NON PROFIT ORG.
U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

ADDRESS SERVICE REQUESTED

COMING EVENTS

JUNE 2 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

JUNE 6 - Pinochle Potluck - 7 PM at the Clubhouse

JUNE 9 - License Exams - 7 PM - Clubhouse

JUNE 10 - Club Meeting - Library Administration Center, 7:30 PM
Program: Simple, Inexpensive Antennas for HF, VHF and UHF

JUNE 14 - HAPPY FATHER'S DAY!

JUNE 15 - BARK deadline

JUNE 24 - Club Meeting - Library Administration Center, 7:30 PM
Program: Final Plans for Field Day

JUNE 26 - 28 - W7DK FIELD DAY '98 ~ BE THERE!!!

JUNE 29 - Ladies Pinochle - Noon, Clubhouse

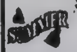
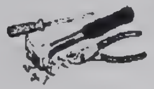
HAPPY FATHER'S DAY!

Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events. Contest calendar - page 8. See page 3 for meeting program schedule.

VOLUNTEER - FIELD DAY 98

June 1998

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 *ROY WA7UZL	2 **7:30 PM RCT NET** **147.28R** *RANDY W7HTU	3 **7:30 PM RCT** **BOARD MTG**	4 *DIANA WA7BLF	5 *JOHN KD7ANH	6 **9:00 AM OPEN HOUSE** **7:00 PM PINOCHLE POTLUCK** QRP TACTICAL CONTEST
7	8 **HAPPY JUNE**	9 **7:00 PM RCT LICENSE EXAMS** **7:30 PM RCT NET** **147.28R** *AL KA7BIY	10 RCT MEETING 112TH ST E & WALLER RD	11	12 *DAVID N7WGM	13 **9:00 AM OPEN HOUSE** *ANGELA KC7EQ *DAN KB7UXE ARRL JUNE VHF QSO PARTY
14 *BOB KC7HIR *TOM N7QHX ARRL JUNE VHF QSO PARTY **FLAG DAY**	15 ARRL JUNE VHF QSO PARTY **BARK DEADLINE**	16 **7:00 PM MVWS EXAMS** **VE** **7:30 PM RCT NET** **147.28R**	17 *MARY KC7SYW	18	19 *BRIAN *JOHN KC7ZQY	20 **9:00 AM OPEN HOUSE** *BEN K6VBC *ROBERT KC7ZLH ALL ASIAN DX CONTEST, CW
21 *DENNIS KC7VUL *ROGER K8RN ALL ASIAN DX CONTEST, CW  **SUMMER**	22 **12:00 PM CLUBHOUSE LADIES PINOCHLE** *MARCEL KC7UPV	23 **7:30 PM RCT NET** **147.28R** *CONRAD N7WMH *HARRY KB7WYO *MARK KC7AFO	24 *SHIRLEY N7QHW RCT MEETING 112TH ST E & WALLER RD	25 *GRACE AD7S *LOUIS KC7VUM	26  **FIELD DAY SETUP**	27 **9:00 AM OPEN HOUSE** *JACK N7WOI *LAURENCE WA7QEW *NORM KC7DCN **FIELD DAY**
28 *MIKE KC7UFV **FIELD DAY**	29	30 **7:30 PM RCT NET** **147.28R** *CAL W7SFT *DAVID KA7CMZ				

May 1998

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

July 1998

S	M	T	W	T	F	S
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5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

* HAPPY BIRTHDAY

THE RADIO CLUB OF TACOMA
W7DK
THE LOGGER'S BARK
SPECIAL SERVICE CLUB

VOL. XXXV NR. 6 W7DK JUNE 1998

FROM THE PRESIDENT

WA7ANJ

FIELD DAY 98

The big day approaches. There are a lot of plans to be finalized and equipment to be gathered and tested, still plenty of positions to be filled. If you're not sure what assignment would be best for you, check in with David, WB7AUJ, at (253)584-3620 and ask him where he needs the most help. Operators and support personnel will be required for operation on all bands.

The purpose of Field Day is to test our ability to respond to emergencies when "everything else" is off line or broken for the duration. In that scenario, how long would my battery last in the HT? With a little effort, I could go mobile, as long as the truck still had gas in it, and my antenna tuner will match my 102-inch whip. It's a great opportunity to learn what you need to know about emergency operation.

I will be there, and I'm looking forward to seeing you there, too! We'll have a good time and get a lot of operating experience.

While we are on the subject of participation, one of my major concerns has to do with getting volunteers to assist in regular events, such as the Flea Market, Field Day, and the Fair. "Irregular" events (for us) such as working with the Scouts on Armed Forces Day, Jamboree on the Air, and "Specials" that were so popular a few years ago. What happened?

From my perspective, these concerns have me reconsidering my priorities. My editorial last month - (you DID read it, didn't you? DIDN'T YOU??) - revealed how I got involved in club activities, and I felt I could make a difference in RCT and the future of Amateur Radio. Maybe a little dramatic, but I felt that 80-plus years of survival for RCT, and the talent I believe this club has in it's membership, should have us leading the pack in membership, technology, training, publicity ... I still believe the potential is there, but the reality is that less than 20% of the members accomplish more than 80% of the mission, get "burned out" and move on - figuratively, or, all too often, literally.

As I do not read minds, the best way for me to get answers is to ask the experts - the ones who know. What will it take, in YOUR opinion, to "keep on keeping on"?? Let me know ... I care.

Have FUN with HAM Radio! 73, Roger

VOLUNTEER TODAY!

🕮 IN THIS ISSUE...

▶COMING RCT PROGRAMS - Page 3
▶SWAP MEET SCHEDULE - Page 11
▶JUNE CONTEST CALENDAR - Page 8
▶ ARRL NEWS - Back next month
▶ DO FIELD DAY '98!!!!

RADIO CLUB OF TACOMA – 1998

PRESIDENT	ROGER TERWILLIGER	WA7ANJ	475-4293
V PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
SECRETARY	NORA SIMMONS	KC7JME	847-5124
TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
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	MIKE CRAWFORD	WB7DFQ	531-4789
	MOREL GUYOT	W6LIX	838-5433
	BILL SHIMMIN	W7GBC	584-1086
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	JERRY SELIGMAN	W7BUN	845-7652
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	JERRY SELIGMAN	W7BUN	845-7652
COMPOSITOR	KATHLEEN NACE	N0EYK	xxx-xxxx
PUBLISHER	W7DK PRESS	N7QHW	265-3661

◆ ◆ ◆

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@excell.com or mail (slow!) to Kathleen Nace, N0EYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. *The Logger's Bark* does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in *The Logger's Bark* if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma
147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Pat Chatman, KC7UFJ RCT #2008
PO Box 0722
Roy WA 98580-0722 253-843-1707

Jenni May, KC7YJL RCT # 2009
20301 42nd Ave E
Spanaway WA 98387-6706 253-847-8994

Reinstatements

Address/Phone Changes/Corrections

Dan Asbjornsen, KB7UXE 253-843-1707
Add e-mail kb7uxe@yelmtel.com or kb7uxe@juno.com

Chuck Nee, W7PWN
PO Box 1595
Buckley WA 98321-1595 Phone same
Add e-mail fyln89a@prodigy.com

John Pike, N6FUS New phone # 253-445-6593

Jerry Hathaway, K7ETU and Donna Hathaway
2840 Sprague Ct
Roseburg OR 97470-6818 541-440-0561

Mike Piechowski, KC7UFV New phone # 253-475-0671

Robert Osborne, KC7ZLH
4248 Sunset Bch W
University Place WA 98466-1131 Phone Unknown

Dennis F Level, KC7VUL
9101 166th St E
Puyallup WA 98375-6228 Phone Unknown

Ed Lochbihler, KC7BAI
11004 4th Avenue Ct E Apt U101
Tacoma WA 98445-7023 253-539-0576

E-Mail Address Changes/Additions

See next page...

New Calls/Upgrades

George F Coleman was KC7UFK; is now W7GFC

Mark Sandler was KC7JHZ; is now K7MAS

Silent Keys

Ken Siegel, KA7CZA

E-MAIL CHANGES AND ADDITIONS

Bill Rohrer, W7IJ
71736.1220@compuserve.com

Alf Anderson, KB7QFT
alfander@ix.netcom.com

George F Coleman, W7GFC
gcole13@aol.com

Thomas A Dailey, N7LTI
daileyta@juno.com

Richard F Lottie, KG7WF
fotolottie@aol.com

Glenn E May, KC7IKL
gem8994@gte.net or wemay@juno.com

William R Morgan, W7GPR
bill-morgan@juno.com

Steve R Puvogel, KB7YCJ
kandham@usa.net

Mark Sandler, K7MAS
k7mas@juno.com

Kerry Webster, WB7AKE
kwebster@nwrain.com

Dan Hale, KC7IEI
kc7iei@world.att.net

Mark Weitzenhoffer, KC7FAA
Change to kc7faa@juno.com

Carolyn Pasquier, WV7Q
carolynp@sprynet.com

John Sabourin, W7ZTI
johnsab@gte.net

PINOCHLE

SUMMER SCHEDULE

Ladies Pinochle - 12 Noon
4th Monday of the Month
at the Clubhouse.

COMING PROGRAMS AT RCT

JUNE 10TH - Simple, Inexpensive Antennas for HF, VHF, and UHF
Jack Thornton, N7OYR, of Shoestring Antenna fame will discuss and demonstrate VHF and UHF quad antennas, 6-meter quads, HF wire antennas, roll-up J-poles, counterpoises for handhelds, a quad backpacker antenna, G5RVs, and a 3-element beam using copper tape on a garbage bag. Jack started Shoestring Antenna in 1992, and will share his extensive knowledge of simple inexpensive antennas at this program.

JUNE 24TH - Final plans for Field Day
Field Day is June 27th and 28th. This will be the final scheduling of stations and operators, a review of equipment requirements, and help and scheduling for antennae erection. This is the most fun activity in amateur radio all year. You can participate, no matter what your class of license. GET INVOLVED! IT'S A BLAST!

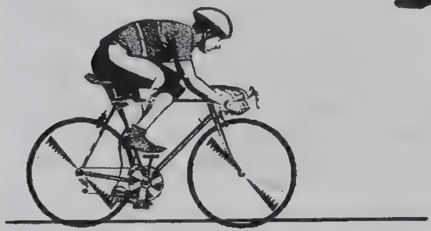
JULY 8TH - Foxhunting
Charles Scharlau, NZ0I, will feature a presentation on fox hunting. This is not the type of hunt where people on horses and a bunch of hounds chase a fox. This is where amateur radio operators get out their portable equipment and go looking for a hidden miniature transmitter. Foxhunting combines technical expertise with a persistence to find the hidden transmitter. Charles will bring a lot of items for show and tell, and he will invite RCT members to join the sport and participate in the North Kitsap ARC foxhunts.

JULY 22ND - Project Argus - Amateur Radio SETI Program
Tom Sanders, W6QJI, is the NW Coordinator for the SETI league - Search for Extra Terrestrial Intelligence. The amateur program is Argus - after the mythical being with a hundred eyes. With billions of galaxies each containing billions of stars, it is quite likely that life has developed somewhere else in the universe. The equipment required to participate in this project is mostly off the shelf. This is a chance for amateur radio to do some serious science. Tom will show some very spectacular pictures from the Hubbell Space telescope.

ARES/RACES

Congratulations and welcome to John Ege, KC7FGG, who has volunteered to take charge of coordinating the Public Service Events for ARES/RACES group. John can be reached on the 147.28 repeater or 253-475-9058 before 9 PM. THANK YOU, JOHN !!!

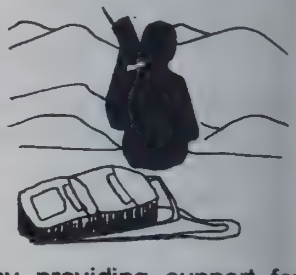
If you have not been able to volunteer due to other commitments, there is still time to help out with Public Service Events. The next event to occur that I am aware of is the Sound to Narrows Run which will be on June 13, 1998. The person to contact for this and future events is John Ege, KC7FGG. He can be reached at 253-475-9058 before 9 PM please or he hangs out on 147.28 RCT repeater.



Future events include the Tour De Pierce Bik-a-thon which is held the same weekend as Field Day. So if there are some of you out there that don't do Field Day, please consider volunteering for the Tour de Pierce.

In the fall on the 22nd of September will be "Soundshake 98", this will be an exercise that will encompass multiple counties and the state also. There will be a simulated earthquake, total communication blackout with telephones (yes, cellular also) so the only means of communications will be amateur radio. The event will include hazardous material spills as well. We don't have the exact numbers of persons needed to help with this exercise but it will be many and since it is a Tuesday, this means there will be fewer people available so please try to set aside some time for this event now and let Alan, KB7SVU, know if you can help. (Telephone listed below.)

In addition to the above needs, there are still needs for leadership positions to be filled in ARES/RACES. There are some zone leadership positions, hospital leadership position. Remember the Radio Club of Tacoma has committed to support ARES/RACES by providing support for public service events so please volunteer.



If you can help with any of the above events or leadership positions, contact Alan, KB7SVU, at (253)840-4947 or Bob Tilley, KB7NBQ, at (253)875-0755.

N7QHW

There are only a very few members who come to the RCT meetings and we need all of you to help out with these events and happenings within the Radio Club so break the Golden Silence folks and start helping out and don't just leave it to the folks who come to the meetings.

If you do not have a State Workers Identification Card and want to volunteer, you need to get a card and here is how to do it. I extend a personal invitation to each of you to get involved.

For those of you who already have a card, remember, check your Department of Emergency Management(DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan or Shirley (info at the end of the article). Also, find out which Fire District and Fire Zone you are in and let us know.

If you have not joined ARES/RACES and would like to, contact Alan, KB7SVU, ARES Emergency Coordinator and RACES Radio Officer at 253-840-4947 or see Shirley, N7QHW, at any Radio Club of Tacoma meeting for an application.

WHAT TYPE OF HAM ARE YOU!

Clinton Herbert, AB7RG, published this in the last SOLID COPY, May 1998 issue. Please read on and then

Your Ad Could Be Here!

Call, Shirley, N7QHW at (253)265-3661 for info.

ADDRESS CHANGES

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail.

Send changes to: Radio Club of Tacoma,
PO Box 11188, Tacoma, WA 98411-0188
or give them to the club treasurer
at any club meeting.

ask your self "What kind of ham are you or could you be?"

1. The "disgruntled" Ham. This type of Ham is easy to find. They are very bitter, (for reasons unknown to me) and really do nothing to help out their fellow Amateurs. What they do is complain a lot, get angry, yell and or cuss at their fellow Amateurs, and are a general pain in the rear. They do not care about Amateur Radio, just themselves. Kind of depressing when you think about them for to long.

2. The Ham who wants help, and or is "new" to Amateur Radio. Now this Ham could end up like either the first type of Ham, the third type of Ham, or just get out of Amateur Radio out of disgust. (Then we ALL lose.) This type of Ham just needs a helping hand, someone who's willing to help them set up their station, or maybe even upgrade! They tend to find only the "disgruntled" Hams, and end up leaving the Amateur Radio Service. Funny how most Amateurs never even notice this type of Ham, as they slowly fade away...

3. The very rare ham, the Ham who wants to help out, and does, in every way that he or she can. This can be in the form of joining ARES, becoming a VE, starting up Ham Radio classes (hey, a No-Code tech is perfectly qualified to teach!), setting up a Club station, helping out the Community, or helping the second type of Ham.

Keep in mind that this third type of Ham is very rare, and if you find one, don't lose touch. type three Hams care about Amateur Radio and it's future.

So, which type of Ham are you?

73, Shirley, N7QHW

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E-mail: 2ndbyte@kendaco.telebyte.com

A THANK YOU

I just wanted to drop a note let folks know what I thought about the April 22 club meeting. Outstanding! The meeting was well paced, lots of time to mingle, and a terrific program by Jerry, W7BUN. I have missed a lot of meetings, because, quite frankly, they were uninteresting; just boring. The recent approach to again having quality meetings is refreshing and welcomed by this ham. I hope those that have abstained from meetings due to lack of interest try it again. Jerry has a lot of interesting topics coming up. I plan to make the meetings!

73, Mark KC7FAA

DO THE PUYALLUP '98

Western Washington Fair at Puyallup
September 11 through 27, 1998
RCT booth in the Hobby Hall
Need staffing for the booth every day
Shifts: 9:00 AM to 1:30 PM
1:30 PM to 6:00 PM
6:00 PM to 10:00 PM Sun. thru Thurs.
6:00 PM to 11:00 PM Fri. and Sat.
Multiple shifts and days by people welcome.
Calendar available at meetings starting in June
or call Shirley, N7QHW, at 253-265-3661

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $36, XXL ARE $40 AND XXXL ARE $43.00.
GET ONE NOW!
Call SHIRLEY, N7QHW, AT 253-265-3661, to order yours today!

MINUTES

Radio Club Of Tacoma
General Membership Meeting
April 22, 1998

The meeting was called at 7:30 PM by Alan Hughes, KB7SVU. The flag salute was led by Marilyn Olson, KJ7BN, and was followed by introduction of everyone in attendance.

CORRESPONDENCE: None

TREASURER'S REPORT:

General Checking	$792.69
Repeater Fund	360.01
Packet Fund	372.57
Class Fund	0.00
Scholarship Working Fund	700.00
Flea Market Checking	683.18
Scholarship CD	2,982.70
WM Financial	12,258.28
Total All Funds	$18,149.28

Members Year To Date 396

PROGRAM: Jerry, W7BUN, had a very interesting and informative program on traffic message handling.

COMMITTEE REPORTS:

ARES: Alan Hughes, KB7SVU, reported the National Disaster Medical Drill went well. Col. Busnick said they couldn't have done it without Amateur Radio. The .38 Repeater worked great for the exercise. Sound Shake 98 will happen on September 22, 1998. John, KC7FGG, is going to be Special Events Coordinator. Sound to Narrows Run will be on June 13th. Volunteers are needed.

REPEATERS: 147.38 has been fixed and is working great. Al, K7HW, loaned his Power Supply for the 147.38 repeater.

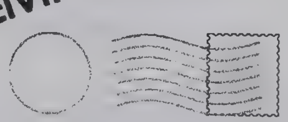
AUTO PATCH: The code was changed. Contact Mike WB7DFQ, or one of the Club Officers for the new number.

ARRL: The year 2,000 ARRL Convention will be held at the Puyallup Fair grounds at the same time as the Mike and Key Flea Market.

FLEA MARKET: A chairman is still needed.

CLUBHOUSE: The Mother's Day Breakfast was canceled. We need someone to cut the grass. at the Clubhouse Another volunteer is needed to open the Clubhouse on Saturdays. Danny has resigned. A big THANK YOU to Danny for all the time he spent acting as Open House person.

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO CONTINUE RECEIVING YOUR BARK



ANTIQUE RADIO STATION: The group made contact on 20 CW. The station is on the air.

GOOD OF THE ORDER:

Lou, KB7WDB, reported Generator One is not safe to run. The carburetor needs to be rebuilt.

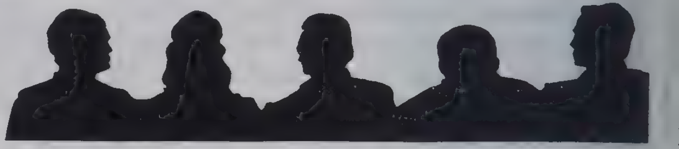
Shirley, N7QHW, needs three more club jacket orders to make an order of 12.

Jerry, K7ETU, received a Logger's Endorsement for 770 contacts.

Roger, WA7ANJ, will be back next month.

The meeting was adjourned at 8:35 PM.

Respectfully submitted,
Nora Simmons, KC7JME, Secretary
Radio Club of Tacoma



Radio Club of Tacoma
Board Meeting Minutes
May 6, 1998

The meeting was called to order by the President Roger Terwilliger, WA7ANJ, at 7:30 PM. Other board members present were Shirley Murphy, N7QHW, Mike Crawford, WB7DFQ, Al Burleson, K7HW, Lou Simmons, KB7WDB, Morel Guyot, W6LIX, Alan Hughes, KB7SVU, and Nora Simmons, KC7JME. Guests present were Jerry Seligman, W7BUN, Kathleen Nace, N0EYK, Rich Manson, N7ANF, and Dick Strong, KB6PWR.

The first order of business was to correct the April 1st, 1998 Board Meeting Minutes to change the Jim Kirkreit Memorial Award to the Jim Kirkreit Memorial Event. This event can be any event that occurs during the year and would be so designated at the beginning of each year by the President and/or the Board. The motion in April was made by Mike Crawford, WB7DFQ, and seconded by Shirley Murphy, N7QHW. The motion passed.

TREASURER'S REPORT:

General Checking	$360.85
Repeater	360.01
Packet	372.57
License Class	(82.27)
Scholarship Working Fund	700.00
Flea Market	683.18
WM Financial	12,258.28
Scholarship Mem. CD	2,982.70
Cash on hand	77.00
Total all funds	$17,794.59

CORRESPONDENCE: We received a letter from the Northwest Astronomy Group inviting the Radio Club to their Field Day.

We also received a letter from Debra Burleson. She reviewed our Financial Records and found Shirley's, N7QHW, record keeping to be meticulous and well organized.

A motion was made by Jerry W7BUN, for the Secretary to write a thank you letter to Debra Burleson for the review of our Financial Records.

VOLUNTEER FOR CLUB EVENTS

COMMITTEE REPORTS:

REPEATERS: The 440 repeater antenna was installed today. Shirley, N7QHW, received the yearly rental bill for Spar Pole Hill and requested Board approval to make payment. The rent is $600.00. The Board approved payment.

ARES-RACES: An exercise is planned on June 20 involving the Fire Department in Lakewood and the Zone 1 Amateur Radio Operators. Alan, KB7SVU, would like to see a written emergency plan for the Radio Club of Tacoma. For further clarification, he would like it to contain scope of the equipment available, a staffing plan and how the key people would be notified and perhaps who those people would be. Jerry, W7BUN, suggested a club phone tree.

OLD BUSINESS: A motion was made by Morel, W6LIX, seconded by Mike, WB7DFQ, to set aside $500.00 for clubhouse renovations. The motion passed. Al, K7HW, will take care of fixing duct work on the furnace.

NEW BUSINESS:

Standing Rules: A motion was made by Shirley, N7QHW and seconded by Al, K7HW, that reimbursement of expenses to members will only be done with the original receipt being presented at the time of the request. Board Meeting Minutes to be signed by the Secretary and the President. A motion was made by Shirley, N7QHW, and seconded by Mike, WB7DFQ, that all Board meeting minutes be signed by the President and the Secretary following their approval by the Board Members. Both motions passed. These two motions will be added to the list of Standing Rules.

The Board voted to reimburse Rich, N7ANF, for materials he purchased for back step railing.

Mike, WB7DFQ, and Al, K7HW, were appointed club equipment custodians.

Silent Key: Ken Siegel, KA7CZA

Meeting adjourned at 9:10 PM.

Respectfully submitted,
Nora Simmons KC7JME, Secretary, RCT

AMATEUR RADIO
Friendships around the world!

CHECK IT OUT!

RCT Web Page:
www.mashell.com/~roblee/rct.htm

Radio Club of Tacoma
General Membership Meeting
May 13, 1998

The meeting was called to order by the President Roger Terwilliger, WA7ANJ. The flag salute was led by Mick Pier, KC7TVM, and was followed by the introduction of everyone in attendance.

CORRESPONDENCE: None

TREASURER'S REPORT:

General Checking	$676.93
Repeater Fund	180.35
Packet Fund	372.57
Class Fund	0.00
Scholarship Working Fund	700.00
Flea Market Checking	683.18
Scholarship CD	2,982.70
WM Financial Services	12,258.28
Total All Funds:	$18,350.59

Members Year To Date: 406

HEALTH AND WELFARE: Bill Shimmin, W7GBC, is out of the hospital. We wish him a speedy recovery and hope to see him soon.

PROGRAM: Doug Wetzel, K7IP, presented an interesting program on APRS(automatic Packet Reporting System) and GPS(Global Positioning System).

COMMITTEE REPORTS:

ARES: Coming events are Sound To Narrows Run on June 13th and Tour De Pierce on June 28th. Volunteers are still needed. Contact John, KC7FGG, no later than 9 PM @ (253)475-9058.

FIELD DAY: David Dodd, WB7AUJ, passed around a sign-up sheet. There are two new rule changes. There is no longer special bonus points for Packet and no bonus points for UHF and VHF.

FLEA MARKET: A chairman is still needed.

ARRL: Jerry, W7BUN, will file a petition on behalf of our Club to support Amateur Radio's continued use of the 440 band. The Land Mobile Radio Communication sector wants to use the top third and bottom third section of the band. We must have comments filed by June 1.

EDUCATION: David Dodd, WB7AUJ, is interested in starting a license class for age 16 and under. It would start with the Novice Class for 4 Saturdays. Anyone interested, please contact David.

GOOD OF THE ORDER:

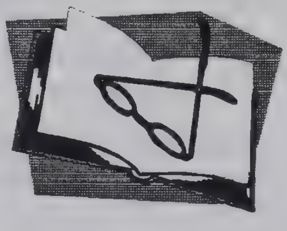
Shirley, N7QHW, still needs two club jacket orders to make an order of 12.

The meeting was adjourned at 8:55 PM.

Respectfully submitted,
Nora Simmons, KC7JME, Secretary
Radio Club of Tacoma

Amateur Radio Exams

in the Puget Sound Region as of May, 1998



- **1st Thursday** - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 481-2361, Bothell
- **2nd Tuesday** - 6:30 PM - **Everett** - Cascade High School - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 355-7759, Everett
- **2nd Tuesday** - 7:00 PM - Radio Club of **Tacoma** Clubhouse - Contact Shirley Murphy, N7QHW, 265-3661
- **2nd & 4th Thursdays** - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 456-5571, Olympia
- **2nd Saturday** - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 523-9117, Seattle
- **3rd Tuesday** - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495.
- **3rd Saturday** - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 384-0771, Ferndale
- **3rd Saturday** - 1 PM - **Renton** - Good Neighbor Center, 305 S. 43Rd St - Contact Mike Dinkelman, WA7UVJ, 854-4031, Kent
- **3rd Saturday** - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 793-2526, W7AGJ, Sultan
- **3rd Saturday** - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 249-4671, Montesano
- **4th Tuesday** - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 652-0248, Stanwood
- **4th Wednesday** - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 542-0285, Seattle
- **4th Saturday** - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 335-5258, Lake Stevens
- **4th Saturday** - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Dave Kleinschmidt, AA7IA, 698-9205, Bremerton
- **Semiannually** - Saturday - 9:30 AM - **Olympia** - Olympia Center, Room 101 - 222 Columbia North - Contact John Steele, AA7WX, 491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - Phone: 845-7652

CONTESTS

THE SKY'S
THE
LIMIT
WITH
AMATEUR
RADIO

6
QRP TACtical Contest

13-15
ARRL June VHF QSO Party.

20-21
Kid's Day Operating Event
SMIRK QSO Party. For more information, see http://www.cswnet.com/~ka0nno.
West Virginia QSO Party

27-28
Field Day.

FIELD DAY '98

RADIO CLUB OF TACOMA

W7DK

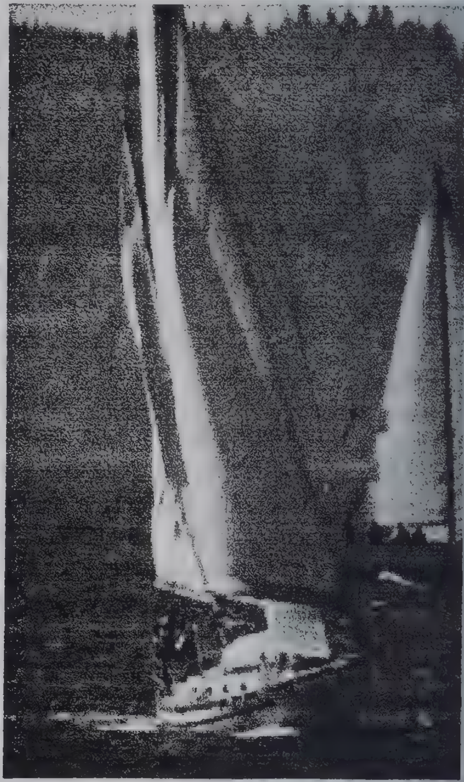
ARRL
RADIO CLUB OF TACOMA
W7DK

Stef and Marilyn Thordarson Sailing Adventures

Date: Wed, 22 Apr 1998 19:14:15 -0400
From: Marilyn c Thordarson <thordam@compuserve.com>
Subject: Mazatlan Log 4-19-98

Hello from the Mexican Riviera! Seems like its been a spell since Ive updated you so thought Id better sit down and drop you a line. Looks like the last real update I gave you was when we were at Las Hadas, Manzanillo. Where to begin? Guess Ill start with today and work backwards. Were anchored beside Isla Isabella, the remains of a volcanic uprising about 17 miles offshore about half way between Puerto Vallarta and Mazatlan. Its a beautiful little island about a mile long and half a mile wide and has a small lake in the center (Crater Lake). The whole island is a bird sanctuary, home to about 3500 frigates and about half as many Brown and Blue-footed Boobeys. The bill and feet of the brown booby is yellow to gray-green. The blue-footed booby truly has bright blue webbed feet. I had seen pictures of them from the Gallapogas Islands and now believe it after seeing them close up. The island was nearly destroyed during a hurricane in 1994 and is slowly coming back to life. Its all brown except for some green prouting up near the south cove. Its only inhabitants are the birds, except for some fishing camps and a few naturalists. They started to build an information center but it was blown apart by the hurricane. Now all that remains are the walls and roof. The pisdaceros, the fishermen, live in little lean tos lining the beach made of driftwood and dead palm fronds, sleeping and living basically outdoors. The naturalists seem to be camping in an abandoned concrete building or in tents on the beach. A supply ship comes by once a month. There doesn't appear to be any electricity except for a couple of solar panels. Heard they have one television set. Didn't see a satellite dish so don't know how they get anything. The Mexicans fish out of little open boats called pongas Were not sure how they sell their catch or what they do with whatever money they earn. Its a pretty meager existence and a very desolate place to live. I guess they wonder why we tourists come to visit. The first night was lovely, just a gentle rocking of the boat at anchor, very quiet and peaceful. The next day we went ashore and hiked up to the light tower. I finally got to see the Blue-footed Boobeys up close! Gorgeous view and such an interesting outcropping. Later that day the wind came up and soon it got rough. And I do mean rough. We were rocking fore and aft and also sideways. According to the depth sounder there were 6-8' seas! I was actually sea sick at anchor! I didn't take anything for it but I should have. Couldn't eat and just laid on the couch. Two days and two nights we did that. We had hoped to go snorkeling as it is supposed to be excellent. Another time I guess. Yesterday we decided to head for Mazatln. It was rough at first but at least the waves were more consistent than they were at the anchorage. We motorsailed all day and all night and arrived at the entrance about 7 this morning. The entrance to this little harbor is very narrow (about as wide as our boat is long) with breaking surf. We were lucky when we got here as there wasn't much surf and since it is Sunday, the dredge wasn't operating. Apparently it works from 7am to 6 PM with only 30 min open at 2:30. We don't have power or water but hopefully tomorrow or Tues. we can move to a dock that does. This afternoon we went to the movies and saw Goodwill Hunting which we enjoyed very much. All of the movies we've seen in Mexico are in English with Spanish subtitles. When we went to catch a bus back, we started to get on one that said Sonora Juarez (I think) as that's what we took to go in. We asked the driver if he went to the marina and he kept saying, "No." We got off and on and finally decided to stay on. We thought he probably meant he didn'tactually go to the marina but would let us off on the highway. Well, we got about half way and sure enough, he pulled a U turn, heading back towards town, so we had to get out. We figured since it was Sun. eve they probably don't run all the buses out that far. So we went across the street and waited for another bus. Finally one that said Sonora Juarez came and stopped and here it was the same driver. He was so embarrassed he buried his head in his arms on the steering wheel. I guess he read his schedule wrong. We sure got a chuckle out of that one! Well, I'm going to shorten this because it's getting late and tomorrow the vegetable truck comes at 7 am, have to have the laundry up to the office by 8:30 and then we're going on a tour of the city. One big piece of news I would like to share is that I finally got my e-mail from the boat working! It's not perfect and sometimes very hard to get out on the frequency but it's great to be able to send the family messages while we're traveling or at anchor. For nowthough, I'll continue using CompuServe for most of my correspondence. More later!

Thordarson adventures received second week of May 1998



Well Ham e-mail is turning out to be more dependable than CompuServe. So, here's some info of our latest adventures for the Bark. Could you please also get a copy of this to TYC? Thanks much. "Scott & Sharon (son & daughter-in-law) arrived Sat. 4/25. Had planned to leave Mazatlan Sunday morning but couldn't because had to wait until Monday to clear out with a new crew list since S & S joined us. We tried to do the paperwork ahead of time but they couldn't do it until we could show them their visas. And you don't get your visa until you enter Mexico. Took all day so couldn't leave until 6 PM Monday. Fortunately the tide was OK, the dredge wasn't working (that would block the very narrow channel) and the surf wasn't too bad. The wind was on the nose and the sea was very rough to start with, but the trip across the Sea was pretty good. We shared 3 night watches, 9-12, 12-3, and 3-6. I lucked out drawing the 9-12, Stef the ugly 12-3am and Scott & Sharon on at 3-6. The rest of the time we just kind of traded off.Scott, Sharon & I were a little "rocky" the first 24 hours, getting our sea legs. It was pretty "bumpy." But settled down and the 2nd night we charcoal broiled steak and lobster! My watch the first night was so rough I had to hand steer as it was too much for auto. The second night was almost calm and didn't pipe up until Scott & Sharon's watch. Didn't bother me too much as I was tucked into my bunk with the lee cloth. The next day had nice Southerly so motorsailed averaging 7-8 knots most of the day. Arrived at Isla Partida outside LaPaz about 7 Wed morning (about 33 hours crossing time). Anchored for a while, swam, read and slept then moved to a different cove. Only boat here. Beautiful turquoise water, white sandy beach and red sandstone cliffs with cactus on them. Breathtakingly beautiful! We'll be in LaPaz Friday. Today we had an incredible day of snorkeling. We motored out to the North end of Isla Partida and anchored off some big rock formations. The sea lions and seals were barking and frolicking ad splashing in the water. When we went snorkeling, the water was very clear and we saw many different kinds of beautiful tropical fish. Also saw some eels that slithered back into their holes. Then we decided to swim through a little tunnel in the rocks to the other side and there we saw living coral, red starfish, small fluorescent blue fish and lots and lots of more tropical fish. On top of that, some of the seals began to play with us. They would dive deep and then come up and zoom right by us almost close enough to touch. The rocks on this side had a drop off and below it was a white sandy bottom. This is the best snorkeling we've had since we got to Mexico. So glad that Scott & Sharon got to share it with us. Of course the weather's warm and sunny. The water temp has cooled off to only 72.8. The wind seems to come up in the afternoon and blow pretty good which does two things. It helps cool the boat down and it propels the wind generator and that makes Stef happy because it keeps the batteries charged. Just wish you could all be here to share this with us. Best regards from 24 33 001 N 110 20 208 W."

Radio Club of Tacoma License Exams

JUNE 9 , 1998

7 PM RCT Clubhouse
1249 S Washington in Tacoma
Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: RCT for $6.25. For information call:
Shirley Murphy, N7QHW, @ 253-265-3661

SCHEDULE YOUR SWAPMEET VISIT IN 1998!

May 29-31	SEAPAC, Seaside, OR
June 5-7	Wenatchee Hamfest
June 13-14	Rathdrum, ID Hamfest
July 17-19	Glacier-Waterton Hamfest, MT
July 17-19	Northwestern Dx Convention, Seattle, WA
July 25	Lewiston-Clarkston Hamfest, Lewiston, ID
Aug 8	RCT Flea Market, Charles Wright Academy

ARRL

RADIO CLUB
OF TACOMA

W7DK

ELECTRONIC FLEA MARKET

AUGUST 8, 1998

CHARLES WRIGHT ACADEMY
TACOMA, WA

HAM GEAR

COMPUTERS

9 AM TO 3 PM

ELECTRONIC PARTS

ADMISSION $4 (12 AND UNDER FREE)

VERNIGHT RVs: $2 (Self Contained - Fri Night only)

FREE PARKING * SNACK BAR

Country Store Available
for Consignment Sales

Commercial Displays
Club Information

Talk-In on 147.38+

DOOR PRIZES

One door prize ticket with each admission
Two tickets with each advance admission

License Examinations Will Not be
Available at the Flea Market
However, License Exams will be given at the
Radio Club of Tacoma Clubhouse Tuesday Aug 11 at 7 PM

For More Info call: Alan @ 253-840-4947 Bill @ 253-584-1086 W7DK @ 253-759-8040

Mail to: Radio Club of Tacoma Box 11188 Tacoma, WA 98411
Make Checks Payable to RCT Setup Friday 5 - 9 PM and Saturday 6 - 9 AM

DESCRIPTION	$
Non - Commercial Tables @ $15 each All tables sold include one badge	
Commercial Booths @ $30 each Includes 2 badges	
Helper Badges @ $4 each All helpers must have a badge	
General Admissions @ $4 each Advance admission sold thru 7/15/98	
Total Enclosed =	

Name: ______________________

Call: ______________________

Address: ______________________

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City: ______________________

State: ___ Zip: ______________

Phone: ______________________

Do you Need Power? YES NO
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RADIO CLUB OF TACOMA
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TACOMA, WA 98411-0188

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TACOMA, WA
PERMIT NO. 1078

AUGUST 8, 1998

ELECTRONIC FLEA MARKET

9 AM TO 3 PM

CHARLES WRIGHT ACADEMY * 7723 Chambers Creek Rd West * TACOMA, WA

FROM SEATTLE

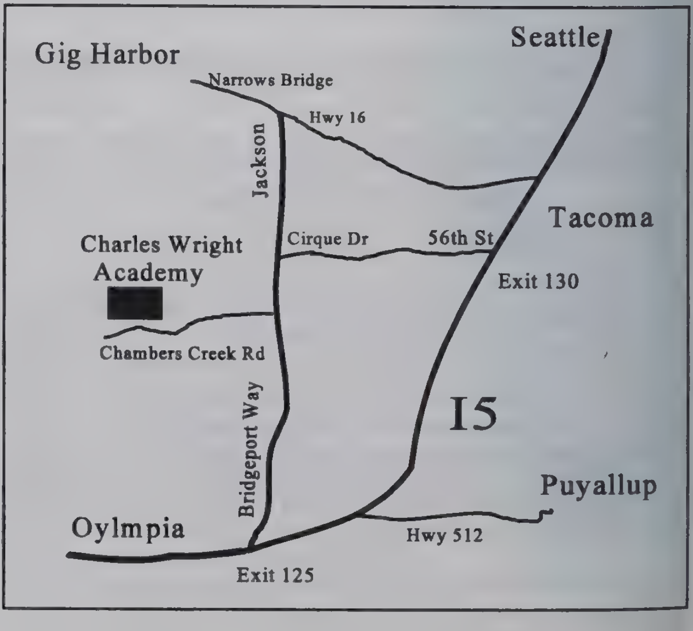
Take I5 south to EXIT 130 (56th Street). Go west on 56th 3.6 miles to Bridgeport way (It will change names to Cirque Dr on the way). Turn LEFT and go south .8 miles to CHAMBERS LN. Turn RIGHT and go .7 miles (Chambers Ln changes into Chambers Creek Rd).

FROM OLYMPIA

Take I5 north to EXIT 125 (Bridgeport Way). Go north on Bridgeport Way 4.4 miles to CHAMBERS LN. Turn LEFT and go .7 miles. (Chambers Ln changes into Chambers Creek Rd)

FROM GIG HARBOR

Take Hwy 16 east. EXIT on Jackson just after crossing the Narrows Bridge. Go south on Jackson 3.8 miles to CHAMBERS LN. (It changes names to Bridgeport Way at 19th St) Turn RIGHT and go .7 miles. (Chambers Ln changes into Chambers Creek Rd)


Gig Harbor
Seattle
Narrows Bridge
Hwy 16
Jackson
Tacoma
Charles Wright Academy
Cirque Dr
56th St
Exit 130
Chambers Creek Rd
Bridgeport Way
I5
Puyallup
Oylmpia
Hwy 512
Exit 125

UL1998

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

7/98

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COMING EVENTS

JULY 1 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

JULY 4 - HAPPY INDEPENDENCE DAY!!!

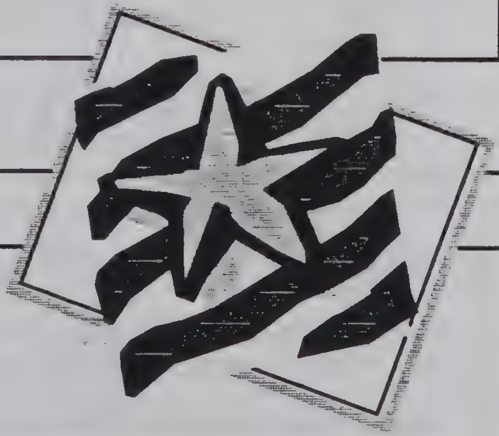
JULY 8 - Club Meeting - Library Administration Center, 7:30 PM
Program: Foxhunting

JULY 14 - License Exams - 7 PM - Clubhouse

JUNE 15 - BARK deadline

JULY 22 - Club Meeting - Library Administration Center, 7:30 PM
Program: Project Argus - Amateur Radio SETI Program

JULY 27 - Ladies Pinochle - Noon, Clubhouse



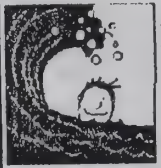
HELP WANTED! See Alan, KB7SVU, and sign up NOW!

Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events. Contest calendar - page 8. See page 3 for meeting program schedule.

HAPPY FOURTH OF JULY!

July 1998

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 7:30 PM RCT BOARD MTG *ANTHONY KB7MPD *JOHN KC7OQW *MARV KC7JKA *ROBERT N7BH *WENDY KC7TVT	2 *BARBARA W7UYL *DAVID N7XRJ *KEITH KB7NVW	3  SUMMER FUN	4 7:00 PM PINOCHLE POTLUCK HAPPY 4TH
5 REAL SUMMER BEGINS	6 *JOHN W7ZTI	7 7:30 PM RCT NET 147.28R	8 *NORMAN N7ILQ RCT MEETING 112TH ST E & WALLER RD	9 *MARY KB7WYP FULL MOON	10 *RICK W7LKG *SUSAN N7YFH	11 9:00 AM OPEN HOUSE *MARIE KA7HEG IARU HF WORLD CHAMPIONSHIP
12 * DAVID KC7OVS IARU HF WORLD CHAMPIONSHIP	13 *SUSAN KC7OQX	14 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R *ART AA7EO	15 *DAVE KB7UXV *HARRY W7HHP BARK DEADLINE	16 *CLINTON KA6KWD	17 *MAC W6NBD *MARK	18 9:00 AM OPEN HOUSE *MIKE WB7DFQ NORTH AMERICAN QSO PARTY, RTTY
19 *BILL KC7ZJA NORTH AMERICAN QSO PARTY, RTTY	20 *LORRAINE KA7WGG *TOM KC7TVO	21 7:00 PM MVWS EXAMS VE 7:30 PM RCT NET 147.28R *JAN K7JT	22 *BILL K4QXP *SYLVIA KC7UZZ RCT MEETING 112TH ST E & WALLER RD	23 *MARGARET KA7RUQ *SHARON KC7GBJ NEW MOON	24 *ALLEN N7EAY	25 9:00 AM OPEN HOUSE RSGB ISLANDS ON THE AIR CONTEST
26 *DANIEL W7WA RSGB ISLANDS ON THE AIR CONTEST	27 12:00 PM CLUBHOUSE LADIES PINOCHLE *LARRY KC7YT	28 7:30 PM RCT NET 147.28R	29	30 *ROBERT KC7RBB *SONNIA N7NGJ	31	

June 1998

S	M	T	W	T	F	S
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August 1998

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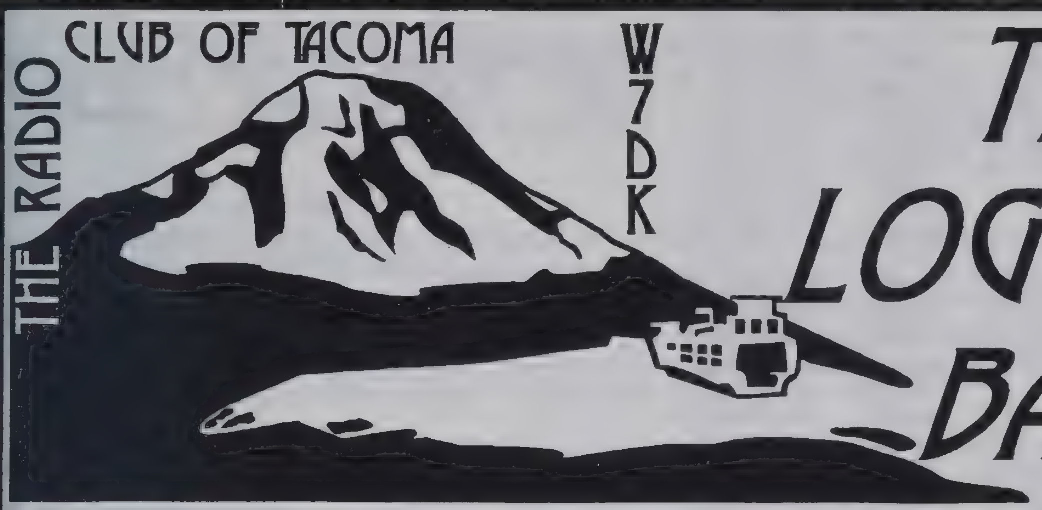
THE RADIO CLUB OF TACOMA

W7DK



THE LOGGER'S BARK

VOL. XXXV NR. 7 W7DK JULY 1998

FROM THE PRESIDENT

WA7ANJ

Field Day is over. Post-event evaluation is in process, and plans are being made for 1999. Important stuff, like more hot dogs. (Still in the picnic mode, I guess.) A good critique usually results from an initial report written at the close of the activity, then reviewed one week later, when the "heat" is off - looking at what worked, what didn't, what changes are required, how, when, etc. Fine-tune it a month later, and proceed with planning the next one. Works for me!

This month is also annual review month for evaluating club progress in the past year. You may have a comment or note that you would like to drop off with the board. Your comments will be appreciated.

You possibly have received a recent call from a board member asking for your assistance in some way with RCT Programs or Activities, such as the Flea Market, the Fair, Training, VE Testing, or Open House (Saturdays at the Club House). We divided up the call list to avoid one person being called by "everybody". (You'd think we were telemarketers or something!) If you see something that you would like to try, we can use you in nearly any job that interests you. AND, we'll let you set the limits! If you can only help a little, it WILL be appreciated.

Jerry, W7BUN, is scheduling some interesting programs in the near future. There is a wide variety, and possibly some controversy - search for ET's?? Call him if you would like something you or your friends find especially interesting.

Enjoy the weather and the vacations. Have FUN with Ham Radio! 73, Roger

VOLUNTEER TODAY!

IN THIS ISSUE...

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▶ ARRL NEWS - Page 6

▶JULY CONTEST CALENDAR - Page 8

▶SWAP MEET SCHEDULE - Page 10

▶ HELP!!! FLEA MARKET '98 !!!!

MISSOURI PROJECT REUNION

The MISSOURI Project will hold an on-air reunion at the Gig Harbor ranch of Dan Reeves, KC7DRR, over the Aug. 29-30, 1998 weekend.

RCT members wishing to operate, please contact me at tsanders@linknet.kitsap.lib.wa.us for roster assignment.

All bands all modes 10-80 - no WARC - QSL Manager is KG7XD as before, and Matt Amis, K7OE, is on-site manager. Event call is WW2END.

73 de Tom, W6QJI

RADIO CLUB OF TACOMA – 1998

PRESIDENT	ROGER TERWILLIGER	WA7ANJ	475-4293
V PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
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	MOREL GUYOT	W6LIX	838-5433
	BILL SHIMMIN	W7GBC	584-1066
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PUBLISHER	W7DK PRESS	N7QHW	265-3661

◆ ◆ ◆

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@excell.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. *The Logger's Bark* does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in *The Logger's Bark* if credit line is included in the report.

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THE LOGGER'S BARK, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma
147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Reinstatements

Address/Phone Changes/Corrections

Jill Stearns, KC7PSQ
44108 State Route 161 E
Eatonville WA 98328-7412 360-832-2044

Paul Samuels, N7WGV
5307 49th Avenue Ct E
Tacoma WA 98443-2523 Phone Unknown

Dave Barber, K7LHB New phone - 253-638-1495

Chuck Inge, N7ETC
PO Box 952
Wauna WA 98395-0952 Phone Unknown

Jack Chryst, W7CIU
Neda Chryst, KC7UKL
1403 Flora Dr
Fircrest WA 98466-5711 Phone Unknown

Randall I Phillips, W7HTU
8111 74th Place NE
Marysville, WA 98270-7764 Phone Unlisted

E-Mail Address Changes/Additions

Clifton Osborne, W7MFG
Barbara Osborne, W7UYL
add e-mail WKCW16C@prodigy.com

New Calls/Upgrades

Gordon Iverson, was N7TEW - now K7LAU

Silent Keys

Ralph Upright, KB7SWZ

COMING PROGRAMS AT RCT

JULY 8TH - Foxhunting

Charles Scharlau, NZ0I, will feature a presentation on fox hunting. This is not the type of hunt where people on horses and a bunch of hounds chase a fox. This is where amateur radio operators get out their portable equipment and go looking for a hidden miniature transmitter. Foxhunting combines technical expertise with a persistence to find the hidden transmitter. Charles will bring items for show and tell, and he will invite RCT members to join the sport and participate in the North Kitsap ARC foxhunts.

JULY 22ND - Project Argus - Amateur Radio SETI Program

Tom Sanders, W6QJI, is the NW Coordinator for the SETI League - Search for Extra Terrestrial Intelligence. The amateur program is Argus - after the mythical being with a hundred eyes. With billions of galaxies each containing billions of stars, it is quite likely that life has developed somewhere else in the universe. The equipment required to participate in this project is mostly off the shelf. This is a chance for amateur radio to participate in serious science. Tom will show some spectacular pictures from the Hubbell Space telescope.

AUGUST 12TH - The Monster Simulcast Repeater System

Pete Policani, K7PP, from Renton, will tell us how he links repeaters that operate on the same frequency, about his "I phone" listing, and the Eastern Washington Link. Pete's Cougar Mountain repeater system on 147.20 Mhz is the finest system in the Northwest, and has numerous features not found on any other system.

AUGUST 26TH - A New Portable Compact Packet Station

Mario Badua, KD6ILO, will demonstrate his new portable packet station. He has used this for ARES, MARS, and military missions. It is very compact and can be carried and set up in any location, and is the perfect unit for Search and Rescue activities.

SEPTEMBER - LIGHTNING AND GROUNDING MONTH!

SEPTEMBER 9TH - Shocking Facts About Lightning

Hal Stahlhut, W7EC, will present incredible facts about lightning, how it is created, and what determines the path it will take. The facts will amaze you.

SEPTEMBER 23RD - Grounding For Antennas, Towers, and Safety

Dr. Alan Chandler, K6RFK, from Woodinville, will show how to properly ground your equipment and tower systems for safety, how antennas work with and without grounds, the myth of the "shielded" ground connection, and grounds for mobile antennas. Dr. Chandler is Director of R, D, and E for Kalmus Engineering. Earlier, at AEA, he designed AEA's packet TNCs and Morse keyers.

OCTOBER - CW MONTH!

OCTOBER 14TH - CW Proficiency: Listen Ahead, Write Behind, and Build a Morse Code Buffer

Bill Balzarini, KL7BB, will divulge the secrets to copying Morse code. Five WPM to 13 WPM, to 20 WPM, to 30 WPM. This method can help you over most Morse code "bumps." Anybody can learn to increase their code speed with this method. [NOTE: Bring pencil and paper, and be prepared to stay late - this seminar may take two hours, but it will be the breakthrough you need to learn that challenging Morse code!]

OCTOBER 28TH - The Total Package for Learning Morse Code

Harry Lewis, W7JWJ, from Seattle, will show the correct practice techniques, technical parameters, motivation, and even diet and exercise requirements for successful learning of the Morse Code. Harry is the ARRL Section Manager for Western Washington, and holds the world code speed record of 76 WPM (he actually has copied 79 WPM, but that run wasn't witnessed for record). Harry will show a 5-minute video of the actual record-setting run.

ARES/RACES

If you have not been able to volunteer due to other commitments, there is still time to help out with Public Service Events.

In the fall on the 22nd of September will be "Soundshake 98", this will be an exercise that will encompass multiple counties and the state also. There will be a simulated earthquake, total communication blackout with telephones(yes, cellular also) so the only means of communications will be amateur radio. The event will include hazardous material spills as well. We don't have the exact numbers of persons needed to help with this exercise but it will be many and since it is a Tuesday, this means there will be fewer people available so please try to set aside some time for this event now and let Alan, KB7SVU, know if you can help. (Telephone listed below.)

N7QHW

In addition to the above needs, there are still needs for leadership positions to be filled in ARES/ RACES. There are some zone leadership positions, hospital leadership position. Remember the Radio Club of Tacoma has committed to support ARES/RACES by providing support for public service events so please volunteer.

If you can help with any of the above events or leadership positions, contact Alan, KB7SVU, at 253-840-4947 or Bob Tilley, KB7NBQ, at 253-875-0755.

There are only a very few members who come to the RCT meetings and we need all of you to help out with these events and happenings within the Radio Club. So break the Golden Silence, folks, and start helping out. Don't just leave it to the folks who come to the meetings.

Amateur Needs in Pierce County

>To have emergency communications at all fire Departments and Cities.

>Coordinate with local Fire Departments to assist and be part of daily functions.

Fire Chiefs have said there is a frequent need for assistance. Amateur Radio Operators could definitely be a big help on a daily basis, especially if they can mobilize fast. Some functions may be:

>Traffic Control

>Monitor Frequencies during small and large disasters

>Pass important messages on to Battalion Chief

It would be great to build a relationship between local Amatuer Operators and their Local Fire Departments. From this relationship a plan could be developed by which 2-3 (?) Operators would be well known and invited to the Fire Department frequently. A plan is needed to know:

>how to contact
>who contact
>who will go where
>who is backkup.

It's a win-win situation. We get coordinated help and open doors. Everybody becomes accustomed to each others operations. Relationships grow and we can respond more efficiently in the future!

If you do not have a State Workers Identification Card and want to volunteer, you need to get a card and here is how to do it. I extend a personal invitation to each of you to get involved.

For those of you who already have a card, remember, check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan or Shirley (info at the end of the article). Also, find out which Fire District and Fire Zone you are in and let us know.

If you have not joined ARES/RACES and would like to, contact Alan, KB7SVU, ARES Emergency Coordinator and RACES Radio Officer at 253-840-4947 or see Shirley, N7QHW, at any Radio Club of Tacoma meeting for an application.

73 Shirley, N7QHW

Your Ad Could Be Here!

Call, Shirley, N7QHW
at (253)265-3661 for info.

▶▶▶ *ADDRESS CHANGES* ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail.

Send changes to: Radio Club of Tacoma,
PO Box 11188, Tacoma, WA 98411-0188
or give them to Al,K7HW, @ 253-474-9023.

Radio Club of Tacoma License Exams

JULY 14 , 1998

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: RCT for $6.25. For information call: Al,K7HW @ 253-474-9023

TIME TO UPGRADE ?

Watch for classes that will be starting in the fall so that you can get them added to your schedule!

PINOCHLE

SUMMER SCHEDULE

Ladies Pinochle - 12 Noon
4th Monday of the Month
at the Clubhouse.

ACCIDENT & BODILY INJURY
LAW OFFICES OF
DOUGLAS K. SMITH, P.S.

(206) 471-1000
(800) 585-8500

AJ7Y

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Tacoma, Washington 98409

SECOND BYTE
NEW & USED MS-DOS COMPUTERS
ACCESSORIES,
PERIPHERALS,
AND UPGRADES
N7ARO
Roy Richards
642 NE Woods Ct.
Bremerton, WA 98311
Voice/Fax: (360) 479-2619
E-mail: 2ndbyte@kendaco.telebyte.com

For Sale

Kenwood TS520SE 10-160 transceiver, MC50 desk mike, Globe antenna tuner, straight key, 10 meter vertical antenna, homebrew antenna, misc. cables.
$300.00 FOR ALL.
Call KB7YCJ, Steve, 253-804-4428

Power supply and speaker, SB 102 Heath.
$200 or trade for 2M rig.
Call Bill, WA7YNP, @ 253-862-4198

DO THE PUYALLUP '98

Western Washington Fair at Puyallup
September 11 through 27, 1998
RCT booth in the Hobby Hall
Need staffing for the booth every day
Shifts: 9:00 AM to 1:30 PM
1:30 PM to 6:00 PM
6:00 PM to 10:00 PM Sun. thru Thurs.
6:00 PM to 11:00 PM Fri. and Sat.
Multiple shifts and days by people welcome.
Calendar available at meetings or call Lou Simmons, KB7WDB, 253-847-5124.

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $36, XXL ARE $40 AND XXXL ARE $43.00.
GET ONE NOW!
Call SHIRLEY, N7QHW, AT 253-265-3661, to order yours today!

◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned by Roger, K8RN, from ARRL sources on the Internet.

W7BUN

MANY COMMENT ON LMCC PETITION

Hundreds of formal comments have been filed in the wake of the Land Mobile Communications Council's rulemaking petition (RM-9267) seeking primary access to 420 to 430 MHz and 440 to 450 MHz for the Private Mobile Radio Service (PMRS) at the expense of the federal government. The petition also seeks other UHF spectrum. It's now expected that the FCC will extend the comment deadline on the LMCC petition.

The June 8 issue of Wireless Week reports that hams "flooded the FCC with letters" opposing RM-9267, "often in vehement terms." The article, "Hams Oppose Spectrum Sharing," by Caron Carlson, says that hams "warned the FCC that any further loss of their spectrum would be debilitating to the services they provide to the public free of charge," including help in natural disasters and emergencies. Carlson quoted as a typical comment one from John Kovac, K0VAC, a medical doctor from Hermosa Beach, California who's involved in disaster communication. "The reallocation of these frequencies would be a disaster in its own right," Kovac told the FCC.

In a related matter, the American Automobile Association says it got incorrect information from the LMCC about how amateur frequencies came to be identified as targets for reallocation. Triple-A had told some correspondents that the Spectrum Planning and Policy Advisory Committee (SPAC) worked with the NTIA to identify 70 cm for reallocation. "We now know that was incorrect and that it was the LMCC that initiated the plan without support from either SPAC or NTIA," the AAA's Gary Ruark said in response to a letter from ARRL Executive Vice President David Sumner, K1ZZ. Ruark said AAA's future correspondence would "reflect the correct information."

Ruark also said AAA would contact the LMCC secretary and other Council members to discuss the status of the petition. "We are aware that the Association of Public Safety Communications Officials (APCO) has withdrawn its support and that may have a bearing on how the remaining LMCC members perceive the value of the petition," Ruark wrote.

A PHASE 3D WON'T FLY THIS YEAR

Phase 3D will not fly this year. AMSAT says the Phase 3D Amateur Radio satellite will not be aboard when the Ariane 503 launch vehicle goes into space this October. "Essentially we were bought out by strategic and commercial interests," said a glum AMSAT-NA Vice Executive President Keith Baker, KB1SF. "We simply could not compete with this by our offer of $1 million and some moral justification of not flying ballast," he said. "So we wept some, and, that done, let us now look forward."

Baker said AMSAT is continuing to look for a suitable launch opportunity and now is looking at "other agencies" instead of limiting itself to ESA's Ariane program. "We're standby passengers," he said.

NEW VANITY FEE SET

The vanity call sign application fee will drop to $13 effective September 14, 1998. The new fee will be for the ten-year term, payable at the time of application for a new, renewed, or reinstated license. The current vanity call sign application fee is $50.

FCC ASKS GERMANY TO SILENCE BROADCASTER ON 3945 KHZ

Sometimes it helps to complain. The FCC's High Frequency Direction Finding Group has asked German authorities for their help in eliminating a broadcast station in Germany that's operating on 3945 kHz. Members of the ARRL Monitoring System and other US hams had complained to the FCC and to the ARRL about the station's presence. Those complaints were forwarded to the FCC. The frequency is not allocated for broadcasting in Europe, which is in ITU Region 1. In Region 1, the 3900 to 3950 kHz band is authorized for aeronautical mobile operation. In the US in Region 2, the band is allocated to amateur, fixed and mobile. The station on 3945 kHz, identified as The Overcomer Ministry, has been monitored at several Eas Coast locations as well as by the FCC in Columbia Maryland. It broadcasts on AM from Juelich, Germany.

TIMEWAVE FILES CHAPTER 11 BANKRUPTCY

Amateur Radio equipment manufacturer Timewave Technology of St Paul, Minnesota, has filed for Chapter 11 bankruptcy. Timewave President Randy Gawtry, K0CBH, says Timewave plans to continue normal operations while it prepares to file a reorganization and debt payment plan with the federal bankruptcy court. "The process now is in the early stages," he said. The move comes a little more than a year after Timewave acquired rights to the AEA digital product line after AEA ran into financial trouble. Timewave is best known for its DSP filter accessories, such as the DSP-599zx.

"We're still operating and we're still doing repairs and upgrades for our DSP products," Gawtry said. "Nobody should panic."

Gawtry said the company still expects to have its new DSP-2232zx multimode TNC on the market later this year. But he conceded that under Chapter 11 bankruptcy, "any number of things can happen." The company has 60 days to file its reorganization plan, which must be approved by the court and by the company's creditors.

FCC TO TIGHTEN SCANNER RULES

The FCC plans to further tighten its rules on scanning receivers to prevent reception on cellular telephone frequencies. In a rulemaking notice released June 3, ET Docket 98-76, the FCC proposed to require receiver filtering adequate to prevent cell phone reception even when the receiver is tuned to frequencies outside the cellular telephone bands, such as an image frequency. To prevent modification of legal receivers to receive cellular frequencies, the FCC wants scanning receivers designed so that the tuning and control circuitry is "completely inaccessible," and that attempts to modify the receiver "will likely render the equipment inoperable." The proposed rules also would prohibit scanner kits.

SATELLITE LAUNCH WINDOWS SET

The tentative launch date for the TechSat-1B Amateur Radio satellite has been set for June 23-24. The Russian Space Agency is providing the ride into space. TechSat-1B is a digital store-and-forward satellite using 9600-baud frequency-shift keying (FSK), much like UO-22, KO-23 or KO-25. TechSat-1B will feature uplinks on 145 MHz and 1.2 GHz and downlinks in the 70-cm band. Friedman says that a telemetry decoding program for the satellite soon will be available.

Elsewhere, the TMSAT microsatellite is set for a June 23 launch from Russia's Baikonur Cosmodrome in Kazakhstan. It will be placed into an 821-km sun-synchronous orbit. Uplink frequencies will be 145.925 and 145.975 MHz; downlinks will be at 436.925, 436.900, 436.950, and 436.975 MHz.

Meanwhile, word from Alabama is that the SEDSAT-1 Amateur Radio satellite now is scheduled for launch on a Delta II space vehicle sometime in October. The exact launch date has not been confirmed. SEDSAT will fly as a secondary passenger along with the JPL Deep Space One mission. SEDSAT-1 will carry a Mode-L digital transponder as well as a Mode A analog transponder.

DECLARATORY RULING REQUEST MISHANDLED AND MISUNDERSTOOD, LEAGUE SAYS

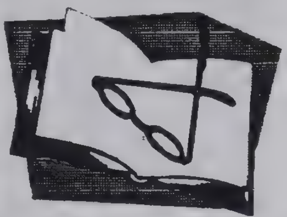
The ARRL says its request seeking an FCC declaratory ruling affirming the value of band plans was mishandled by the FCC and misunderstood by the amateur community. In comments on RM-9259 filed with the FCC in May, the ARRL says it never intended to propose any changes to the amateur rules, and its request should not have been treated as a rulemaking petition.

The ARRL said it does not dictate how bandplans are developed and was not asking to make specific bandplans mandatory or to accommodate certain uses to the exclusion of others. "Exactly the opposite is intended," the League's comments declared. "Voluntary bandplans should be voluntary, and adherence to them should remain voluntary."

The League said its only goal was to have the FCC interpret and clarify the scope of "good amateur practice" as the term is used in Part 97 of the Commission's rules. It wants the commission to affirm—as the then-Chief of the Private Radio Bureau did in 1983–that, "given the widespread acceptance of band plans in the Amateur Service, operation not in harmony with those plans, which results in interference to other amateur uses, is not good amateur practice."

Amateur Radio Exams

in the Puget Sound Region as of June 17, 1998



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Saturday - 1 PM - Boeing **Kent** Rec. Center, 22649 83rd Ave So, Room "C", - Contact Rick Antes, KF7VG, 425-277-2220, Des Moines

2nd Tuesday - 6:30 PM - **Everett** - Sno-Isle Skills Center - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 425-355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Mike Dinkelman, WA7UVJ, 253-854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 360-793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 360-652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

4th Saturday - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 425-335-5258, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, 222 Columbia North - Contact John Steele, AA7WX, 360-491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652

CONTESTS

THE SKY'S
THE
LIMIT
WITH
AMATEUR
RADIO

1
Canada Day Contest

4-5
CN-DX Contest

11-12
IARU HF World Championship.
QRP ARCI Summer Homebrew Sprint
CQ WW VHF Contest

18-19
North American QSO Party, RTTY
SEANET Contest, CW

25-26
RSGB Islands-On-The-Air Contest

FLEA MARKET '98

RADIO CLUB OF TACOMA

W7DK

ARRL

RADIO CLUB OF TACOMA

W7DK

MINUTES

Radio Club of Tacoma
General Meeting
27 May 1998

The meeting was called to order by the President Roger, WA7ANJ, at 7:30 PM. The flag salute was led by Bob Crelling, N7QOZ, and was followed by the introduction of everyone in attendance.

Treasurer's Report:

General Checking	$231.01
Repeater Fund	180.35
Packet Fund	372.57
Class Fund	0.00
Scholarship Working Fund	700.00
Flea Market Checking	683.18
Scholarship CD	2,982.70
WM Financial Services	12,258.28
Total All Funds	$17,408.09

Members Year To Date - 408

Correspondence: None

Program: Mike Crawford, WB7DFQ, and Al Burleson, K7HW presented a program on portable repeaters, that are used in emergency conditions. They demonstrated how it worked. It was a very interesting program.

Committee Reports:

Field Day: No Site yet.

Training: Classes will start after the Puyallup Fair, possibly in October.

Flea Market: No report

Repeater: The 440 repeater is working. The frequency is 440.625 +5, with a pl tone 103.5. Mike, WB7DFQ, thanked Al, K7HW, for all the work he has done to get the 440 repeater working.

ARES-RACES: John, KC7FGG, needs seven more volunteers for the Sound-To-Narrows Run. He also needs volunteers for the Tour De Pierce Race on the last weekend of June.

ARRL: Jerry, W7BUN, filed the Petition on the 440 Band with the FCC. Mike, WB7DFQ, read it to the meeting. Jerry,W7BUN, put a lot of time and effort into the Petition on behalf of the Club. Thank you from the Radio Club.

Good Of The Order:

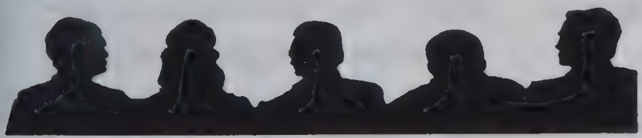
Shirley, N7QHW, needs one more jacket to make an order of twelve.

Jerry, K7ETU, received two Logger's Endorsements to make a total of 790 contacts for him.

Bill Shimmin, W7GBC, is home and would like to hear from members of the club. Give him a call.

The Meeting was adjourned at 8:40 PM.

Respectfully submitted,
Nora Simmons, KC7JME, Secretary
Radio Club of Tacoma



Radio Club Of Tacoma
Board Meeting Minutes
3 June 1998

The meeting was called to order at 7:30 PM by the President Roger Terwilliger, WA7ANJ. Other Board Members present were Allan Hughes, KB7SVU, Shirley Murphy, N7QHW, Al Burleson, K7HW, Morel Guyot, W6LIX, Lou Simmons, KB7WDB, and Nora Simmons, KC7JME. Guests present were Jerry Seligman, W7BUN, Mick Pier, KC7TVM, and Arthur Ives, AA7EO.

Treasurer's Report:

General	$172.68
Repeater	180.35
Packet	372.57
License Class	(82.27)
Scholarship Working Fund	700.00
Flea Market Checking	683.18
WM Financial Services	11,658.28
Scholarship CD	2,982.70
Cash On Hand	112.81
Total All Funds:	$16,862.57

Members: 408

Correspondence: We received a flyer from the Pacific Northwest DX Convention. Their convention will be held in July at the Doubletree Inn at Southcenter.

We received a thank-you card from the family of silent key Ken Siegel.

Committee Reports:

Repeaters: All repeaters are working.

Flea Market: Allan Hughes, KB7SVU, and Al Burleson, K7HW, will work on the Flea Market.

Equipment: Allan Hughes, KB7SVU, suggested Video Taping our high price items.

New Business: A change of words in paragraph three of the by-laws. The word Audit would be changed to, Review by a qualified person. The motion was made by Morel, W6LIX, and seconded by Al, K7HW. The motion passed.

Mike, WB7DFQ, received a letter from K7PP. He wants to put a 2 meter repeater at Neah Bay and co-channel with one of the RCT 2 meter repeaters. A motion was made by Al, K7HW, and seconded by Alan, KB7SVU, to let K7PP co-channel with the RCT 2 meter repeater. The motion passed.

Good Of The Order: A correction of the May 6th Board Meeting Minutes - Jerry, W7BUN, made a suggestion not a motion for the Secretary to write a thank-you letter to Debra Burleson.

The Club received a donation from the Estate of Bert Soderstrom, W7PBI, for the Musuem. The items were, a telegraph sounder, telegraph relay and a painting of a local early railroad telegraph station, with the above items pictured. The person who recognized the telegraph station and worked on it, let Jerry, W7BUN, know who you are.

The meeting adjourned at 8:45 PM.

Respectfully Submitted by
Nora Simmons, KC7JME, Secretary
Radio Club of Tacoma
Roger Terwilliger, WA7ANJ, President
Radio Club of Tacoma

VOLUNTEER FLEA MARKET '98

SPECIAL SERVICE CLUB

Radio Club Of Tacoma
General Meeting
10 June 1998

The meeting was called to order at 7:30 PM by the President, Roger Terwilliger, WA7ANJ. The flag salute was led by Lou Metz, KC7VUM, and was followed by the introduction of everyone in attendance.

Treasurer's Report:

General	$172.68
Repeater	180.35
Packet	372.57
License Class	(82.27)
Scholarship Working Fund	700.00
Flea Market Checking	683.18
WM Financial Services	11,658.28
Scholarship CD	2,982.70
Cash On Hand	112.81
Total All Funds:	$16,862.57

Members: 408

Correspondence: The Club received an unsigned reply to Shirley, N7QHW, article in the June Logger's BARK about which type of ham you are.

Program: Jack, N7OYR, of Shoestring Antennas, presented the different types of antennas he makes and sells.

Committee Reports:

ARES-RACES: Alan, KB7SVU, introduced Tom Sharpe, of the Department Of Emergency Management. He talked about amateur radio working with the fire departments. Alan, KB7SVU, passed out certificates to the members who took part in the medical emergency exercise last month. John, KC7FGG, needs volunteers for the Tour de Pierce bicycle race on the last weekend of June.

Field Day: It will be held in the same place as last year.

Flea Market: Alan, KB7SVU, will be the chairman. It will be held at Charles Wright Academy, on August 8th. Anyone who would like to help contact Alan, KB7SVU. A lot of volunteers are needed.

Good Of The Order:

The sign-up sheet for the Pupillary Fair will be at the meetings. Shirley, N7QHW, is the contact person for the Fair.

Jerry, W7BUN, will have an advance class starting in September. It will run for six weeks.

If want a club jacket, contact Shirley, N7QHW.

The meeting adjourned at 8:55 PM.

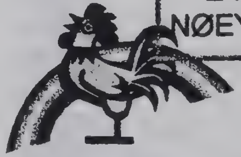
Respectfully Submitted,
Nora Simmons, KC7JME, Secretary
Radio Club of Tacoma

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO CONTINUE RECEIVING YOUR BARK

Editor's Notes

de NØEYK

E-Mail address:
NØEYK@excell.com



HELLO from Colorado! Roger, granddaughter Tina, and I are here in Denver, after visiting my son and his wife in Ft. Collins for a day. We plan on going back to visit them again before we leave. We will be here in Denver for a week visiting friends and doing tourist things that we never did when we lived here. Then we are off to Grand Jjunction,on the west slope of the Rockies, for the wedding of a friend. We will return to the east side to finish our visiting and do a stop at the manufacturer of one of the components on the motor home, to get a lesson in changing the filters. We plan to be back in the Tacoma area in mid-July to await the arrival of Tina's sister.

I hear that the weather is holding up for Field Day - rain and cool! Here, we are in the mid 90s, too hot to even play outside! Hopefully the rain will be showers at most and that W7DK has a successful Field Day '98. Let's try to get a new site lined up early for 1999, one with easier access for both participants and public.

Our next big event is our fund raiser, the FLEA MARKET. Please volunteer and spread the load to make light work and a more pleasurable event for all.

See you next month. Have a great and safe 4th!

73, Kathleen, NØEYK

SCHEDULE YOUR SWAPMEE VISIT IN 1998!

July 17-19	Glacier-Waterton Hamfest, MT
July 17-19	Northwestern Dx Convention, Seattle, WA
July 25	Lewiston-Clarkston Hamfest, Lewiston, ID
Aug 8	**RCT Flea Market, Charles Wright Academy**

SEN BARRY GOLDWATER, K7UGA, SK

Former US Senator, onetime presidential candidate, and noted radio amateur Barry Goldwater, K7UGA, died May 29. He was 89. Goldwater had suffered a stroke in 1996 and had been in failing health.

As a Senator, Goldwater's legacy included several pieces of Amateur Radio-related legislation. In 1964, Goldwater's bill to allow reciprocal operating agreements between the US and other countries was signed into law. It was his work on the bill that prompted the Arizona Senator to renew his interest in ham radio after a long absence.

Goldwater's 1964 presidential campaign tried to tap into his ham radio connections with a "Hams for Barry" fundraising effort. He took time out of the campaign to address the ARRL National Convention in New York City, on the occasion of the League's 50th anniversary. In his remarks, Goldwater reminisced about his youthful foray into Amateur Radio as 6BPI. He was first licensed in 1921, and joined the ARRL in 1923. "You can't imagine what a relaxation ham radio is for me," the campaign-weary Goldwater told the gathering. He related how, during the GOP Convention earlier that summer, he'd made several hundred contacts from his hotel room using a borrowed Collins S-line. The convention presented Goldwater with a certificate of appreciation for his work on behalf of the hobby. Goldwater lost the 1964 election to Lyndon Johnson.

While serving as chairman of the Senate Communications Subcommittee in 1981, Goldwater introduced landmark legislation proposing several changes to the Communications Act affecting amateurs. In 1982, Congress finally approved and President Reagan signed what came to be known as the Goldwater Amateur Radio legislation, enacted as Public Law 97-259. The measure established the Amateur Auxiliary and the volunteer examination programs, permitted 10-year license terms, and exempted Amateur Radio from the secrecy provisions in the Communications Act. The Goldwater bill also ended years of Congressional wrangling and authorized the FCC to set RFI susceptibility standards for home electronic devices.

A year later, President Reagan signed into law a bill including a Goldwater amendment that allowed the recovery of costs in the Volunteer Examiner program.

Goldwater was a life member of the ARRL. He was elected president of the Quarter Century Wireless Association in 1971. A pilot during World War II, he held the rank of General in the Air Force Reserve and was an active member of Air Force MARS. During the Vietnam War era, Goldwater handled hundreds of thousands of phone patches. He also held a pilot's license and occasionally operated aeronautical mobile.

Goldwater's first wife, Peggy, died in 1986. The couple's two sons and two daughters and Goldwater's second wife, Susan, are among his survivors.

ARRL
RADIO CLUB OF TACOMA
W7DK

ELECTRONIC FLEA MARKET

AUGUST 8, 1998

CHARLES WRIGHT ACADEMY
TACOMA, WA

---

9 AM TO 3 PM

HAM GEAR
COMPUTERS
ELECTRONIC PARTS

ADMISSION $4 (12 AND UNDER FREE)
OVERNIGHT RVs: $2 (Self Contained - Fri Night only)
FREE PARKING * SNACK BAR
Country Store Available
for Consignment Sales
Commercial Displays
Club Information

Talk-In on 147.38+

DOOR PRIZES

One door prize ticket with each admission
Two tickets with each advance admission

License Examinations Will Not be Available at the Flea Market
However, License Exams will be given at the Radio Club of Tacoma Clubhouse Tuesday Aug 11 at 7 PM

For More Info call: Alan @ 253-840-4947 Bill @ 253-584-1086 W7DK @ 253-759-9040

- . . - . . - . . - . . - . . - . . - . . - . . - . .

Mail to: Radio Club of Tacoma Box 11188 Tacoma, WA 98411
Make Checks Payable to RCT Setup Friday 5 - 9 PM and Saturday 6 - 9 AM

DESCRIPTION	$
Non - Commercial Tables @ $15 each All tables sold include one badge	
Commercial Booths @ $30 each Includes 2 badges	
Helper Badges @ $4 each All helpers must have a badge	
General Admissions @ $4 each Advance admission sold thru 7/15/98	
Total Enclosed =	

Name: ______________________

Call: ______________________

Address: ______________________

____

City: ______________________

State: ___ Zip: ______________

Phone: ______________________

Do you Need Power? YES NO
(Power is limited, First come First Served)

RADIO CLUB OF TACOMA
PO BOX 11188
TACOMA, WA 98411-0188

NON PROFIT ORG
U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

AUGUST 8, 1998

ELECTRONIC FLEA MARKET

9 AM TO 3 PM

CHARLES WRIGHT ACADEMY * 7723 Chambers Creek Rd West * TACOMA, WA

FROM SEATTLE

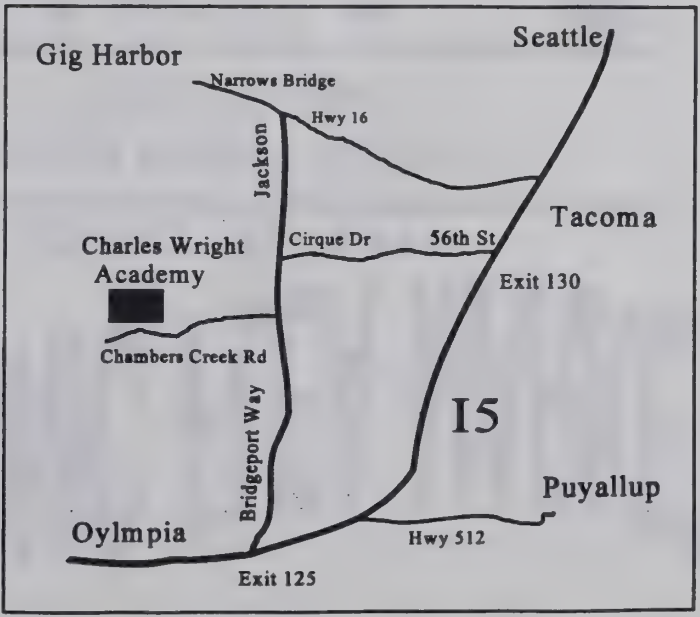
Take I5 south to EXIT 130 (56th Street). Go west on 56th 3.6 miles to Bridgeport way (It will change names to Cirque Dr on the way). Turn LEFT and go south .8 miles to CHAMBERS LN. Turn RIGHT and go .7 miles (Chambers Ln changes into Chambers Creek Rd).

FROM OLYMPIA

Take I5 north to EXIT 125 (Bridgeport Way). Go north on Bridgeport Way 4.4 miles to CHAMBERS LN. Turn LEFT and go .7 miles. (Chambers Ln changes into Chambers Creek Rd)

FROM GIG HARBOR

Take Hwy 16 east. EXIT on Jackson just after crossing the Narrows Bridge. Go south on Jackson 3.8 miles to CHAMBERS LN. (It changes names to Bridgeport Way at 19th St) Turn RIGHT and go .7 miles. (Chambers Ln changes into Chambers Creek Rd)


Gig Harbor
Seattle
Narrows Bridge
Hwy 16
Jackson
Tacoma
Charles Wright Academy
Cirque Dr
56th St
Exit 130
Chambers Creek Rd
Bridgeport Way
I5
Puyallup
Oylmpia
Hwy 512
Exit 125

AUG 1998

8/98

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

RETURN SERVICE REQUESTED

NON PROFIT ORG.
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PAID
TACOMA, WA
PERMIT NO. 1078

COMING EVENTS

AUG 5 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

AUG 8 - RCT FLEA MARKET, Charles Wright Academy

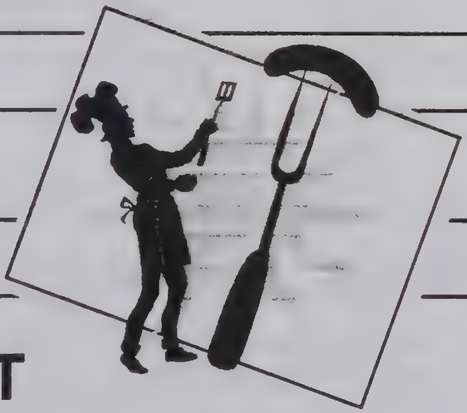
AUG 11 - License Exams - 7 PM - Clubhouse

AUG 12 - Club Meeting - Library Administration Center, 7:30 PM
Program: The Monster Simulcast Repeater System

AUG 15 - BARK deadline

AUG 24 - Ladies Pinochle - Noon, Clubhouse

AUG 26 - Club Meeting - Library Administration Center, 7:30 PM
Program: A New Portable Compact Packet Station

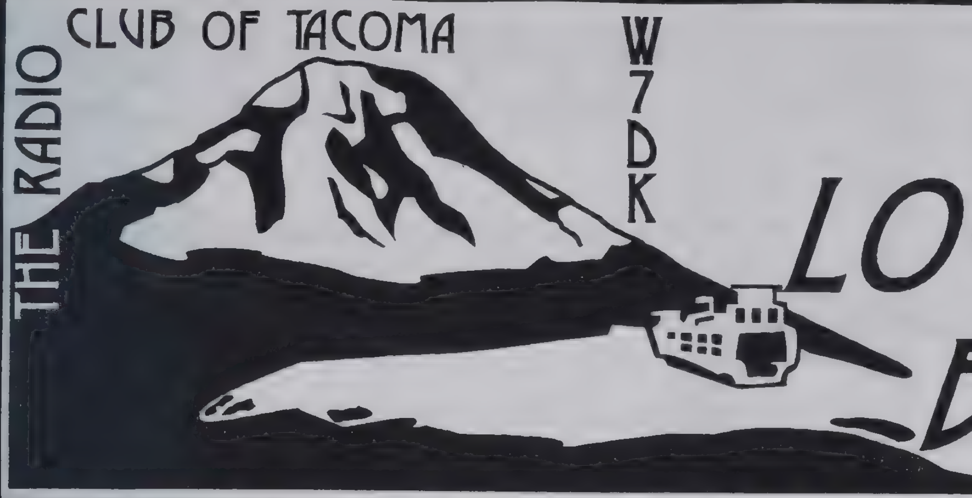


HELP WANTED! Sign up NOW!

FLEA MARKET
DO IT!!!

Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events. Contest calendar - page 8. See page 3 for meeting program schedule.

SUMMER IS HERE!


THE RADIO CLUB OF TACOMA

W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXV NR. 8 W7DK AUGUST 1998

FROM THE PRESIDENT

WA7ANJ

My Editorial, short and sweet, may or may not follow this article. Depends...

As mentioned at recent membership meetings, ***the proposal to change wording in the By-laws, Section Five F (3), by replacing the words "Audit" and "an audit" with the word "review", will enable the Treasurer and the Board to monitor the Financial Records without the expense of an audit by an outside party.***

The by-laws currently state:

(3) *AUDIT* AND FILINGS. The club's financial records shall be submitted for an *audit* no later than March 1 of each year. The Treasurer shall facilitate the filing of all appropriate financial records and required reports to the State of Washington and Internal Revenue Service on or before the respective filing deadlines.

The proposed by-law change will state:

(3) **REVIEW** AND FILINGS. The clubs financial records shall be submitted for **review** no later than March 1 of each year. The treasurer shall facilitate the filing of all appropriate financial records and required reports to the State of Washington and Internal Revenue Service on or before the respective filing deadlines.

I would like to remind the membership to plan to attend the September 9th General Meeting so you can vote on this issue.

This is also a good time to start thinking about Nominations and Elections soon to follow. If you've been thinking about running for a board position, come on down!!! I promise you, it's NOT boring!

Now, to my editorial, as I said, short and sweet:
Flea Market, Charles Wright, Aug. 8
Do the Puyallup, Sept. 11 - 27
Stand by for Shake, Rattle and Roll, Sept. 22, in Sound Shake 98!
Have FUN with Ham Radio, SUGAR! 73, Roger

IN THIS ISSUE...

▶COMING RCT PROGRAMS - Page 3

▶ ARRL NEWS - Page 8

▶AUG CONTEST CALENDAR - Page 5

▶SWAP MEET SCHEDULE - Page 7

▶ HELP!!! FLEA MARKET '98 !!!!

MISSOURI PROJECT REUNION

The MISSOURI Project will hold an on-air reunion at the Gig Harbor ranch of Dan Reeves, KC7DRR, over the Aug. 29-30, 1998 weekend.

RCT members wishing to operate, please contact me at tsanders@linknet.kitsap.lib.wa.us for roster assignment.

All bands all modes 10-80 - no WARC - QSL Manager is KG7XD as before, and Matt Amis, K7OE, is onsite manager. Event call is WW2END.

73 de Tom, W6QJI

RADIO CLUB OF TACOMA -- 1998

PRESIDENT	ROGER TERWILLIGER	WA7ANJ	475-4293
V PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
SECRETARY	NORA SIMMONS	KC7JME	847-5124
TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
BOARD (5)	AL BURLESON	K7HW	474-9023
	MIKE CRAWFORD	WB7DFQ	531-4789
	MOREL GUYOT	W6LIX	838-5433
	LOU SIMMONS	KB7WDB	847-5124
	CHUCK SOUTER	KA7HJN	863-2650
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PUBLISHER	W7DK PRESS	N7QHW	265-3661

◆ ◆ ◆

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@excell.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

(Editor's note: Stay tuned! Next month's list could be big! Shirley, enjoy your vacation!)

New Members

Reinstatements

Address/Phone Changes/Corrections

E-Mail Address Changes/Additions

New Calls/Upgrades

Silent Keys

My sincere apology to Ralph Upright, KB7SWZ, who I mistakenly reported as a silent key in the July Bark and indeed is not a silent key. Shirley, N7QHW

* * *

RADIO CLUB OF TACOMA

W7DK

ARRL
RADIO CLUB OF TACOMA
W7DK

COMING PROGRAMS AT RCT

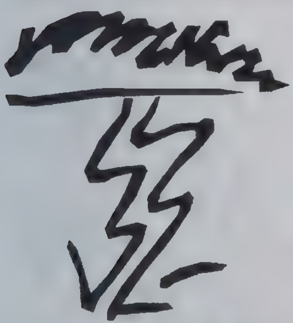
AUGUST 12TH - The Monster Simulcast Repeater System

Pete Policani, K7PP, from Renton, will tell us how he links repeaters that operate on the same frequency, about his "I phone" listing, and the Eastern Washington Link. Pete's Cougar Mountain repeater system on 147.20 Mhz is the finest system in the Northwest, and has numerous features not found on any other system.

AUGUST 26TH - A New Portable Compact Packet Station

Mario Badua, KD6ILO, will demonstrate his new portable packet station. He has used this for ARES, MARS, and military missions. It is very compact and can be carried and set up in any location, and is the perfect unit for Search and Rescue activities.

SEPTEMBER - LIGHTNING AND GROUNDING MONTH!



SEPTEMBER 9TH - Shocking Facts About Lightning

Hal Stahlhut, W7EC, will present incredible facts about lightning, how it is created, and what determines the path it will take. The facts will amaze you.

SEPTEMBER 23RD - Grounding For Antennas, Towers, and Safety

Dr. Alan Chandler, K6RFK, from Woodinville, will show how to properly ground your equipment and tower systems for safety, how antennas work with and without grounds, the myth of the "shielded" ground connection, and grounds for mobile antennas. Dr. Chandler is Director of R, D, and E for Kalmus Engineering. Earlier, at AEA, he designed AEA's packet TNCs and Morse keyers.

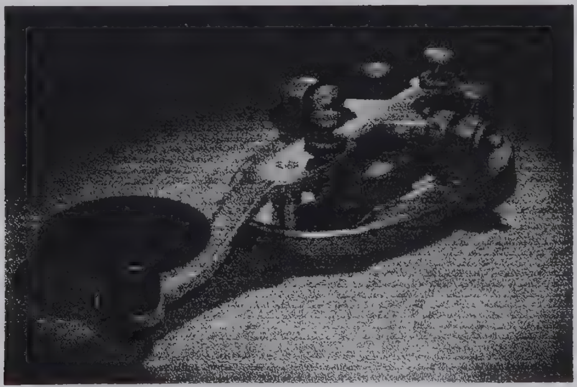
OCTOBER - CW MONTH!

OCTOBER 14TH - CW Proficiency: Listen Ahead, Write Behind, and Build a Morse Code Buffer

Bill Balzarini, KL7BB, will divulge the secrets to copying Morse code. Five WPM to 13 WPM, to 20 WPM, to 30 WPM. This method can help you over most Morse code "bumps." Anybody can learn to increase their code speed with this method. [NOTE: Bring pencil and paper, and be prepared to stay late - this seminar may take two hours, but it will be the breakthrough you need to learn that challenging Morse code!]

OCTOBER 28TH - The Total Package for Learning Morse Code

Harry Lewis, W7JWJ, from Seattle, will show the correct practice techniques, technical parameters, motivation, and even diet and exercise requirements for successful learning of the Morse Code. Harry is the ARRL Section Manager for Western Washington, and holds the world code speed record of 76 WPM (he actually has copied 79 WPM, but that run wasn't witnessed for record). Harry will show a 5-minute video of the actual record-setting run.



ARES/RACES

AMATEUR RADIO EMERGENCY SERVICE

Believe it or not, there is still time to help out with Public Service Events. The next event to occur that I am aware of is the Browns Point Salmon Bake on August 1 and 2. The person to contact for this is Alan Hughes, KB7SVU, at 253-840-4947.

In the fall on the 22nd of September will be "Soundshake 98", this will be an exercise that will encompass multiple counties and the state also. There will be a simulated earthquake, total communication blackout with telephones(yes, cellular also) so the only means of communications will be amateur radio. The event will include hazardous material spills as well. We don't have the exact numbers of persons needed to help with this exercise but it will be many and since it is a Tuesday, this means there will be fewer people available so please try to set aside some time for this event now and let Alan, KB7SVU, know if you can help. (Telephone listed below.)

N7QHW

In addition to the above needs, there are still needs for leadership positions to be filled in ARES/RACES. There are some zone leadership positions, hospital leadership position. Remember the Radio Club of Tacoma has committed to support ARES/RACES by providing support for public service events so please volunteer.

If you can help with any of the above events or leadership positions, contact Alan, KB7SVU, at 253-840-4947 or Bob Tilley, KB7NBQ, at 253-875-0755.

(Editor's Note: This is a shortened version of Shirley's article. The rest of the article will appear next month.)

VOLUNTEER TODAY

Your Ad Could Be Here!

Call, Shirley, N7QHW
at (253)265-3661 for info.

DO THE PUYALLUP '98

Western Washington Fair at Puyallup
September 11 through 27, 1998
RCT booth in the Hobby Hall
Need staffing for the booth every day
Shifts: 9:00 AM to 1:30 PM
1:30 PM to 6:00 PM
6:00 PM to 10:00 PM Sun. thru Thurs.
6:00 PM to 11:00 PM Fri. and Sat.
Multiple shifts and days by people welcome.
Calendar available at meetings or call Lou Simmons, KB7WDB, 253-847-5124.

▶▶▶ *ADDRESS CHANGES* ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail.

Send changes to: Radio Club of Tacoma,
PO Box 11188, Tacoma, WA 98411-0188
or give them to Al,K7HW, @ 253-474-9023.

Radio Club of Tacoma License Exams

AUGUST 11, 1998

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: RCT for $6.25. For information call: Al,K7HW @ 253-474-9023

PINOCHLE

SUMMER SCHEDULE

Ladies Pinochle - 12 Noon
4th Monday of the Month
at the Clubhouse.

TIME TO UPGRADE ?

Watch for classes that will be starting in the fall so that you can get them added to your schedule!

ACCIDENT & BODILY INJURY
LAW OFFICES OF
DOUGLAS K. SMITH, P.S.

(206) 471-1000
(800) 585-8500

AJ7Y

DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409

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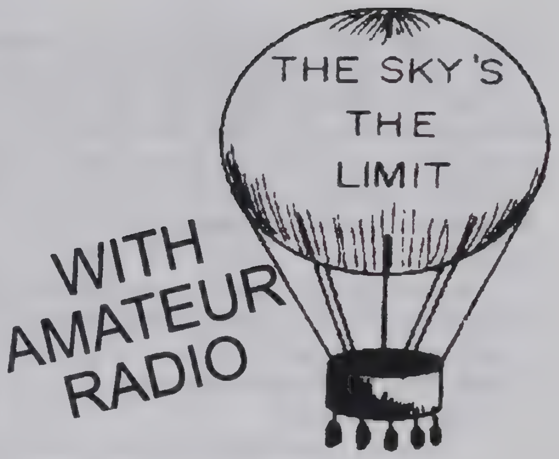
Roy Richards
642 NE Woods Ct.
Bremerton, WA 98311
Voice/Fax: (360) 479-2619
E-mail: 2ndbyte@kendaco.telebyte.com

CONTESTS



1
ARRL UHF Contest.
North American QSO Party, CW
10-10 International Summer Phone Contest

8-9
Worked All Europe DX Contest, CW

15-16
ARRL 10 GHz and up Cumulative Contest.
North American QSO Party, Phone
W/VE Islands Contest
SEANET Contest, Phone

22-23
TOEC WW Grid Contest, CW

29-30
SCC RTTY Championship

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $36, XXL ARE $40 AND XXXL ARE $43.00.
GET ONE NOW!
Call SHIRLEY, N7QHW, AT 253-265-3661, to order yours today!

MINUTES

Radio Club Of Tacoma
General Membership Meeting
24 June 1998

The meeting was called to order at 7:30 PM. by the President Roger Terwilliger, WA7ANJ. The flag salute was led by Roger, WA7ANJ and was followed by the introduction of everyone present.

Treasurer's Report

General Checking	$ 994.69
Repeater Fund	180.35
Packet Fund	372.57
Class Fund	0.00
Scholarship Working Fund	700.00
Flea Market Checking	793.18
Scholarship CD	2,982.70
WM Financial Services	10,458.28
Total All Funds	$16,481.77

Members: Year To Date 411

Committee Reports:

Flea Market: Volunteers are needed. The food area needs someone to take charge. If interested contact Alan, KB7SVU.

ARES-RACES: Viacom was impressed with Amateur Radio during exercise with them and the Pierce County Fire Department. Sound Shake on Sept. 22nd. Volunteers bring Radio, back-up Batteries, and what emergency supplies you have. Volunteers are needed for the Fourth of July in Orting. Also on the first and second of August for help with traffic and parking at Browns Point Salmon Bake. The hours are from 9 to 9. Contact John, KC7FGG, before 9 PM if you phone.

Puyallup Fair: Sign-up sheet is available. Sixty positions are already filled.

Hints And Kinks: Alan, KB7SVU, presented his Spud Gun that uses air.

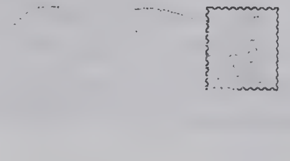
Hal, W7EC, presented an emergency 12 volt battery power supply to use on 2M radio.

Program: David, WB7AVJ, on Field Day Planning.

For Good Of The Order: Board approval for a set of keys to David Dodd, WB7AVJ, for Clubhouse to get equipment for Field Day.

The meeting adjourned at 8:40 PM.
Respectfully submitted,
Nora Simmons, KC7JME, Secretary
Radio Club of Tacoma

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO CONTINUE RECEIVING YOUR BARK



Radio Club Of Tacoma
Board Meeting
1 July 1998

The meeting was called to order at 7:30 PM by the President Roger Terwilliger, WA7ANJ. Orther Board Members present were Morel Guyot, W6LIX, Alan Hughes, KB7SVU, Al Burleson, K7HW, Lou Simmons, KB7WDB, Mike Crawford, WB7DFQ, and Nora Simmons, KC7JME. Guests present were Mick Pier, KC7TVM, and David Dodd, WB7AVJ.

Treasurer's Report:

General Checking	$ 889.84
Repeater Fund	180.35
License Class Fund	(82.27)
Scholarship Work Fund	700.00
Flea Market Checking	1,195.18
WM Financial Services	10,458.28
Scholarship CD	2,982.70
Cash On Hand	13.70
Total All Funds	$16,792.62

Members 411

Correspondence:

The President received a letter of resignation from Bill Shimmin, W7GBC. The resignation was because of his health. The resignation was accepted with regret. We will miss you Bill. His replacement will be Chuck Souter, KA7HJN.

Committee Reports:

Field Day: Everything went well. David Dodd, WA7AVJ, offered to replace the microphone he lost. The Club will see if it has one first.

Long Range Planning: Where are we going? Can we have a Field Day of our own?

The meeting adjourned at 8:30 PM.
Respectfully submitted,
Nora Simmons, KC7JME, Secretary
Radio Club of Tacoma

Roger Terwilliger, WA7ANJ, President
Radio Club of Tacoma

FLEA MARKET
VOLUNTEER
FAIR '98

SPECIAL SERVICE CLUB
ARRL

Radio Club Of Tacoma
General Membership Meeting
8 July 1998

The meeting was called to order at 7:30 PM by the President Roger Terwilliger, WA7ANJ. The Flag salute was led by Rob Stewart, WB7QCS and was followed by the introduction of everyone present.

Correspondence:

A letter from Ben A. Reilly, WB7TNQ, who is selling his complete Radio Station for $1,000.00.

Treasurer's Report:

General Checking	$596.05
Repeater Fund	180.35
Packet Fund	372.57
Class Fund	0.00
Scholarship Working Fund	700.00
Flea Market Checking	1,195.18
Scholarship CD	2,982.70
WM Financial Services	10,458.28
Total All Funds	$16,485.28

Members Year To Date 411

Committee Reports:

ARES-RACES: Alan Hughes, KB7SVU, had a meeting with Central Pierce Fire Department, they would like Amateur Radio operators to work with them on the Sound Shake exercise on Sept. 22. Alan, KB7SVU, needs about 75 volunteers for the Sound Shake exercise. Volunteers are also needed for the Browns Point Salmon Bake on August first and second. Contact Alan, KB7SVU or John KC7FGG.

Field Day: David Dodd, WA7AVJ, thanked everyone who helped with Field Day.

Flea Market: Alan, KB7SVU, still needs someone for the Country Store. Set-Up will be 5-9 PM Friday and 6-9 AM Saturday morning.

Program: Charles Scharlau, NZ0I, presented a program on Foxhunting. He had a demonstration on how the equipment works.

Good Of The Order:

Radio Club Jackets are in. Pick them up at the meetings.

Puyallup Fair: Sign-up sheet for the Puyallup Fair, Lou, KB7WDB will have it while Shirley, N7QHW, is gone. Sign-up now! The times are filling up fast.

Coffee and Cookies were served at the meeting. Volunteers are needed to bake or bring cookies to the meetings. Contact Roger, WA7ANJ.

Meeting adjourned at 8:25 PM.

Respectfully submitted,
Nora Simmons, KC7JME, Secretary
Radio Club of Tacoma

Radio Club Of Tacoma
General Membership Meeting
22 July 1998

The meeting was called to order at 7:30 PM by the President, Roger Terwilliger, WA7ANJ. Due to the absence of the Flag, everyone stood and shook hands with the person next to them and then the introductions of everyone present followed.

Treasurer's Report: Shirley is on vacation.

Correspondence: Flyer from Cowlitz County Ham Fest, It is on the 14 and 15 of August.

Program: Tom Sanders, W6QJI, presented an interesting program on the Search for Extra Terrestrial Intelligence (SETI.)

ARES-RACES: Alan, KB7SVU, will be putting up Dual Band Antennas at four different Central Pierce County Fire Stations for the Sound Shake exercise on Sept. 22, 1998. Browns Point Salmon Bake will make a $100 donation to ARES-RACES for the help provided at their Salmon Bake in August. Stan, N7KMF, and Nana, N7OIX, will be the special events coordinators.

ARRL: Jerry, W7BUN, is going to do a survey on how the members feel on the changes the ARRL proposes on CW and License Classifications.

Hints and Kinks: David Dodd, WA7AVJ, would like to start a Novice Class for those 16 and younger. If you know of anyone interested contact David,WA7AVJ.

Good of the Order: Sally, KB7PKJ, has the Jackets that were on order.

Lou, KB7WDB, has the sign-up sheet for the Puyallup Fair.

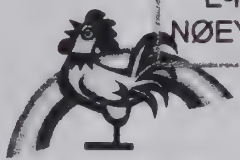
The meeting adjourned at 8:50 PM.

Respectfully submitted,
Nora Simmons, KC7JME, Secretary
Radio Club of Tacoma

Editor's Notes

de N0EYK

E-Mail address:
N0EYK@excell.com



Do the Flea Market!
Do the Puyallup!
Do support your club
with your presence and participation!

VOTE on Sept. 9!

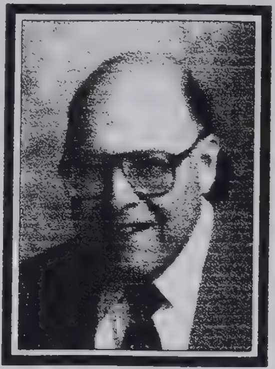
SCHEDULE YOUR SWAPMEET VISIT

Aug 8	**RCT Flea Market, Charles Wright Academy**
Aug 15	LCARA, Longview, WA
Sept 12	Umpqua Valley Hamfest
Sept 26-27	Walla Walla Hamfest
Oct 3	Nampa Hamfest, Nampa, ID
Oct10	North Kitsap Hamfest, Silverdale, WA
Oct 18	Chehalis Valley ARS Hamfest, Chehalis, WA
Oct 24	Bellingham Fleamarket, Ferndale, WA
Oct 24	Rickreall Fleamarket
June 4-6,1999	SEAPAC, Seaside, OR

◆ News from the ARRL ◆

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.



W7BUN

FCC PLANS TO RELEASE LICENSE RESTRUCTURING PLAN. ARRL BOARD OF DIRECTORS PROPOSES OWN PLAN WHICH SHOULD BE MORE BENEFICIAL TO THE AMATEUR RADIO SERVICE.

The ARRL has proposed a simplified Amateur Radio license structure featuring four license classes and reduced Morse code requirements for full HF access. In approving the plan July 18, the ARRL Board of Directors said the hobby no longer needed six license classes. In their discussions, Board members emphasized that the objective was to rationalize and simplify the amateur licensing structure without reducing the requirements for any class of license.

Among its recommendations, the plan would eliminate the current Novice and Tech Plus class licenses and merge those operating privileges into a new license class equivalent to the current General ticket. The plan would replace the present named license classes with Class A, B, C, and D tickets, revise written examination requirement and content, and set 12 WPM as the highest Morse code test requirement. Most of the spectrum freed up by the elimination of the current Novice CW bands would be "refarmed" into expanded HF phone segments. Some would remain available for digital and CW, however.

Announcement of the Board's plan generated a tumult of opinions pro and con within the Amateur Radio community. Comments received at League Headquarters have ranged from angry opposition to enthusiastic support, but by the end of the week in which the plan was announced, most Board members reported receiving somewhat more comments in favor than opposed.

The League has forwarded details of the plan in a letter to the FCC but will not petition for a rulemaking as it awaits public release of the Commission's own ham radio restructuring plans. In its letter, the ARRL asked the FCC to "consider this restructuring plan as a means of modernizing and simplifying amateur radio licensing, and a means of making Amateur Radio available to more people."

Before the July meeting, the ARRL Board had twice voted down motions to consider changing the licensing structure. This time, the impending FCC rulemaking provided the impetus for the Board to issue its own plan, in time to stimulate debate on the topic and possibly serve as a counterpoint to the anticipated FCC proposals.

ARRL Board approval of the plan followed extensive discussion and debate during its recent three-day meeting. "The debate was, at times, contentious, and the result was not unanimous"; said ARRL President Rod Stafford, W6ROD. The vote to approve the plan was 9 to 6. Most of those in the minority were not opposed to simplifying the licensing structure, however, and there was sentiment for even fewer license classes.

"Some Board members preferred greater simplification; others were uncomfortable with some of the changes being proposed" Stafford observed. "However, every Board member, without exception, left the meeting knowing that each of his or her colleagues did what they believe is best for the future of Amateur Radio."

In developing its plan, the Board tied proposed reductions in Morse code requirements to corresponding increases in written examination standards. On the other hand, Board members were adamant that simplifying the structure should not come at the expense of privileges amateurs already have earned. This was the rationale to recommend granting the new entry-level Class C HF license to present Novice and Technician Plus licensees, who already have earned entry-level HF operating privileges.

The Class D license, equivalent to the current Technician class, would be the entry level ticket to Amateur Radio. Operating privileges and the written examination would remain at the same level at Technician, but the exam would be more consistent with Class D operating privileges.

The Class C would supplant the Novice as the entry level to HF. Under the League plan, all General, Tech Plus, and Novice licensees would become Class C licensees. The Class C ticket would convey current General privileges, but would offer bigger HF phone bands. Class C licensees would have access to another 50 kHz on 75 and 15 meters and another 25 kHz on 40 meters. To upgrade from Class D to Class C, an amateur would pass a written examination on the operational and technical qualifications required for HF operation plus a 5 WPM Morse code test.

All amateurs now licensed as Advanced would become Class B. The Class B would convey the privileges of the present Advanced license, but with additional phone privileges. The Class B ticket would offer an additional 50 kHz on 75 and 15 meters and another 25 kHz on 40 meters. To upgrade from Class C to Class B, an amateur must pass a more advanced written examination--similar in difficulty to the present Element 4A--and a 12 WPM Morse code exam..

All amateurs presently licensed as Amateur Extra Class would become Class A. The Class A ticket would convey the full privileges of the present Amateur Extra Class but, once again, with expanded phone subbands. Class A licensees would get an additional 50 kHz on 75 and 15 meters and another 25 kHz on 40 meters. To upgrade from Class B to Class A, an amateur would be required to pass the most difficult written examination in the sequence. The Advanced written test is considered the most difficult in the current exam sequence. Consistent with the practice in many other countries, no Morse code examination beyond 12 words per minute would be required for a Class A ticket.

Adoption of the simplification plan culminated some 30 months of work by the Board and embraced input from thousands of ARRL members, nonmembers, and prospective hams. The Board debated a wide variety of options including more and fewer license classes, higher and lower qualification levels, and different privileges.

Nearly lost in the maelstrom of discussion over the ARRL Board's plan to restructure Amateur Radio licensing is the fact that the FCC soon plans to make its own "streamlining" proposals public. Release of the FCC proposals could come within the next few weeks.

At a national meeting of Volunteer Examiner Coordinators July 9, FCC Wireless Telecommunications Bureau chief D'wana Terry hinted at what hams can expect from the FCC. "Some things will probably be concrete proposals; other things will be discussion topics." she told the gathering. But Terry said none of the FCC's proposals should be considered "carved in stone" and she urged hams to comment constructively. "We want to do things that make sense" she said.

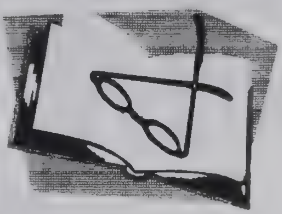
Terry said the changes could include action on outstanding petitions for rulemaking "to the extent that they fit into the biennial review" of Part 97. "We are trying to clear out our backlog" she said.

She encouraged hams to not just complain but to tell the Commission what will work and offer solid suggestions. 'What we try to do is give it our best shot" she said. "We don't always get it right"

CLUB MEMBERS - WHAT DO YOU THINK? PLEASE SEND OR CALL IN COMMENTS TO JERRY, W7BUN, AND WE WILL DEVELOP A SET OF COMMENTS FOR OUR NORTHWESTERN DIVISION ARRL DIRECTOR. SEND E-MAIL TO: w7bun@wa.net OR CALL 253-845-7652.

Amateur Radio Exams

in the Puget Sound Region as of June 17, 1998



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Saturday - 1 PM - Boeing **Kent** Rec. Center, 22649 83rd Ave So, Room "C", - Contact Rick Antes, KF7VG, 425-277-2220, Des Moines

2nd Tuesday - 6:30 PM - **Everett** - Sno-Isle Skills Center - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 425-355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Mike Dinkelman, WA7UVJ, 253-854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 360-793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 360-652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

4th Saturday - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 425-335-5258, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, 222 Columbia North - Contact John Steele, AA7WX, 360-491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652

FIELD DAY REPORT

Well, Field Day has come and gone one more time. Those of us who attended had a good time, and, I think, learned things we didn't already know. We missed seeing all of you that didn't have a chance to come. If you have the chance next year you really should try to make it happen.

We got a chance to set up the towers and antennas, and operate on emergency power. It was quite an experience. It also lets us sharpen our emergency operating skills. Skills we can not afford to be without!

Next year we are going to try to get plans laid out a bit sooner, and see if we can do it in a place that will encourage public attendance. After all, public exposure to the ability of amateurs being able to set up and operate in an emergency situation is very important.

For those of us that are still interested in helpin with club activities, we have the club's flea market comin up the 8th of August. We are still looking for volunteers t help. Even if you don't know what you can do to help, jus show up. You might be surprised at what you may b needed for.

Sometimes when the club asks for volunteers brings a story I once heard to mind. It is called "That's No My Job". It is a story about four people. Their names wer Everybody, Somebody, Anybody, and Nobody. One da an important job came up and Everybody was sure tha Somebody would do it. Anybody could have done it, bu Nobody did it. Somebody was angry about that, becaus it was Everybody's job. Everybody thought Anybody coul do it, but Nobody realized that Everybody wouldn't do it. I ended up that Everybody blamed Somebody when Nobody did what Anybody could have.

Moral here is - Let's jump in and do the job, an not expect Everybody to wait for Nobody to do it.

73, Mick. KC7TVM

15 Meter Voice Station

Let there be POWER!

ELECTRONIC FLEA MARKET

ARRL
RADIO CLUB OF TACOMA
W7DK

AUGUST 8, 1998

CHARLES WRIGHT ACADEMY
TACOMA, WA

---

9 AM TO 3 PM

HAM GEAR

COMPUTERS

ELECTRONIC PARTS

ADMISSION $4 (12 AND UNDER FREE)

OVERNIGHT RVs: $2 (Self Contained - Fri Night only)

FREE PARKING * SNACK BAR

Country Store Available
for Consignment Sales

Commercial Displays
Club Information

DOOR PRIZES

One door prize ticket with each admission
Two tickets with each advance admission

License Examinations Will Not be
Available at the Flea Market
However, License Exams will be given at the
Radio Club of Tacoma Clubhouse Tuesday Aug 11 at 7 PM

Talk-In on 147.38+

For More Info call: Alan @ 253-840-4947 Bill @ 253-584-1086 W7DK @ 253-759-9040

Mail to: Radio Club of Tacoma Box 11188 Tacoma, WA 98411
Make Checks Payable to RCT Setup Friday 5 - 9 PM and Saturday 6 - 9 AM

#	DESCRIPTION	$
	Non - Commercial Tables @ $15 each All tables sold include one badge	
	Commercial Booths @ $30 each Includes 2 badges	
	Helper Badges @ $4 each All helpers must have a badge	
	General Admissions @ $4 each Advance admission sold thru 7/15/98	
	Total Enclosed =	

Name: ______________________

Call: ______________________

Address: ______________________

____

City: ______________________

State: ___ Zip: ______________

Phone: ______________________

Do you Need Power? YES NO
(Power is limited, First come First Served)

RADIO CLUB OF TACOMA
PO BOX 11188
TACOMA, WA 98411-0188

NON PROFIT ORG
U.S. POSTAGE
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TACOMA, WA
PERMIT NO. 1078

AUGUST 8, 1998

ELECTRONIC FLEA MARKET

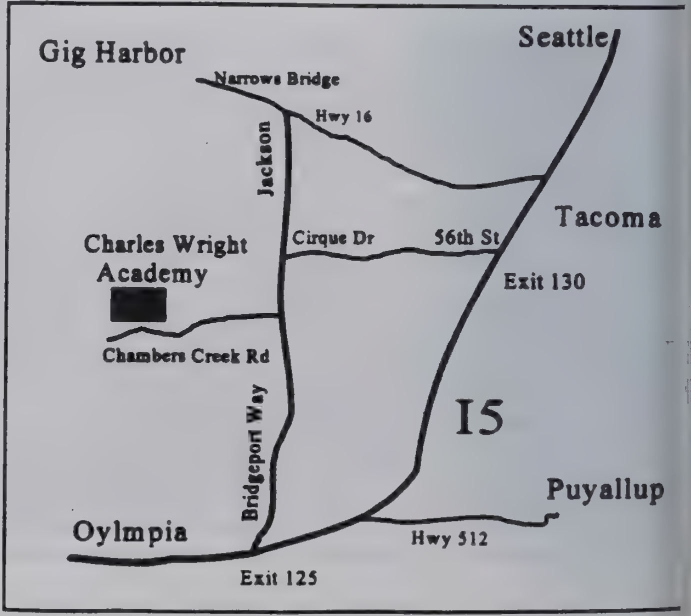
9 AM TO 3 PM

CHARLES WRIGHT ACADEMY * 7723 Chambers Creek Rd West * TACOMA, WA

FROM SEATTLE
Take I5 south to EXIT 130 (56th Street). Go west on 56th 3.6 miles to Bridgeport way (It will change names to Cirque Dr on the way). Turn LEFT and go south .8 miles to CHAMBERS LN. Turn RIGHT and go .7 miles (Chambers Ln changes into Chambers Creek Rd).

FROM OLYMPIA
Take I5 north to EXIT 125 (Bridgeport Way). Go north on Bridgeport Way 4.4 miles to CHAMBERS LN. Turn LEFT and go .7 miles. (Chambers Ln changes into Chambers Creek Rd)

FROM GIG HARBOR
Take Hwy 16 east. EXIT on Jackson just after crossing the Narrows Bridge. Go south on Jackson 3.8 miles to CHAMBERS LN. (It changes names to Bridgeport Way at 19th St) Turn RIGHT and go .7 miles. (Chambers Ln changes into Chambers Creek Rd)


Gig Harbor
Narrows Bridge
Seattle
Hwy 16
Jackson
Tacoma
Charles Wright Academy
Cirque Dr
56th St
Exit 130
Chambers Creek Rd
Bridgeport Way
I5
Puyallup
Oylmpia
Hwy 512
Exit 125

SEPT [illegible]

9/98

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

RETURN SERVICE REQUESTED

NON PROFIT ORG.
U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

COMING EVENTS

SEPT 2 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

SEPT 8 - License Exams - 7 PM - Clubhouse

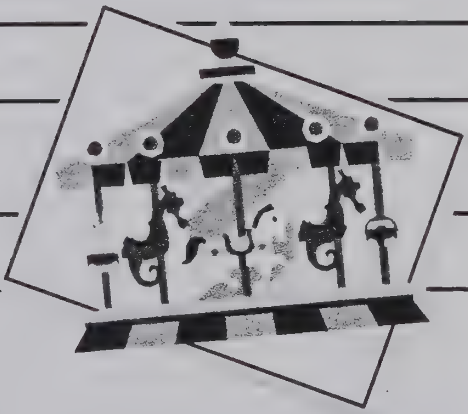
SEPT 9 - Club Meeting - Library Administration Center, 7:30 PM
Program: Shocking Facts about Lightning

SEPT 12 - Pinochle Potluck, 7 PM, Clubhouse

SEPT 15 - BARK deadline

SEPT 23 - Club Meeting - Library Administration Center, 7:30 PM
Program: Grounding for Antennas, Towers, and Safety

SEPT 28 - Ladies Pinochle - Noon, Clubhouse

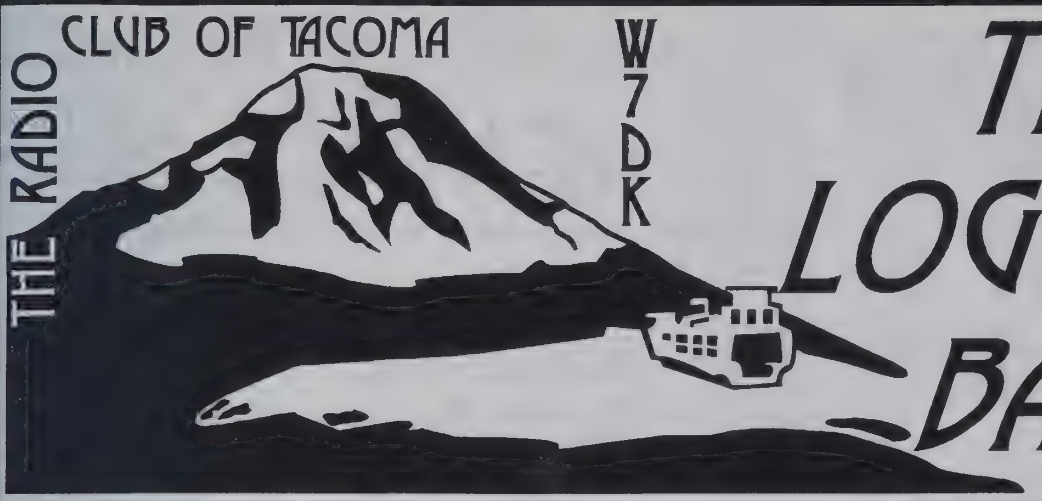


HELP WANTED! Sign up NOW! ARES and SoundShake '98!

Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events. Contest calendar - page 8. See page 3 for meeting program schedule.

DO THE PUYALLUP!

SEPTEMBER 11 - 27, 1998



THE RADIO CLUB OF TACOMA

W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXV NR. 9 W7DK SEPTEMBER 1998

FROM THE PRESIDENT

WA7ANJ

September ... back to school for numerous students of all ages. Also, RCT will again be giving the accelerated weekend No-code Tech classes, and a new Novice-only class AFTER the fair! The Puyallup Fair. Remember? The one that comes around almost as often as Christmas. Seems like only six months or so. Time does fly when you're having fun! Especially with Ham Radio!

I know a lot of folks in the club are having fun, because they're doing a great job at what they do: Kathleen, for the Bark; Jerry, for the programs, and ARRL interaction; Alan, for the Flea Market and ARES; Shirley, for the many activities she maintains (including VE Testing); Lou, Pete and Al, for maintenance on the Clubhouse and the emergency generators; Ben, for the hints 'n' kinks at meetings; all the guys in the back of the meeting room that keep all the guys in the front of the room on their toes - usually.

The list goes on, and I just thought of a way to see it published with sincere enthusiasm. How about some - each - any - all - of the members that would like to thank someone for a special effort, someone who should be recognized for something that seems to have been overlooked. We have a tendency to catch others doing something wrong ... Why not catch somebody doing something RIGHT?

In view of that, I would like to take this opportunity to express my personal gratitude to Bill, W7GBC, for all the things he has done for the Radio Club of Tacoma over the years. He is one of the unsung heroes that we tend to take for granted, and you really don't stop to think about what he does until he stops doing it. He was the person who got me started in working with the Flea Market, the Fair, and (consarn it, Bill,) running for office.

Bill, we sure miss you at the board meetings, and the membership meetings. We don't have anybody to entertain us with the VCR, or tell us the stories about Hams belonging to one of three groups ... those who can count, and those who can't. (I still haven't figured out which group I'm in.) He taught me that it's sometimes easier to apologize than ask permission, and a finer gentleman you won't find anywhere! We miss you, Bill.

Have FUN with Ham Radio! 73, Roger

DO THE PUYALLUP!

🕮 IN THIS ISSUE...

▶COMING RCT PROGRAMS - Page 3

▶ ARRL NEWS - READ IT! - Page 8

▶SEPT. CONTEST CALENDAR - Page 5

▶SWAP MEET SCHEDULE - Page 7

▶ HELP!!! FAIR '98 !!!!

RADIO CLUB OF TACOMA -- 1998

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PUBLISHER	W7DK PRESS	N7QHW	265-3661

◆ ◆ ◆

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@excell.com or mail (slow!) to Kathleen Nace, N0EYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma
147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Jason P Fallon, KA2YMZ RCT #2010
1912 N Oakes #5
Tacoma WA 98406-7504 253-759-5672

Carroll Rusk Jr., N7TRA RCT #2011
2824 N Lawrence St
Tacoma WA 98407-6233 253-752-0852

Vernon James, KD7COD RCT #2012
7102 146th St Ct E
Puyallup WA 98375-5099 253-536-8650

David J Magneson, KD7CIR RCT #2013
8408 82nd St SW #303
Tacoma, WA 98498-7258 253-984-1557

Reinstatements

Address/Phone Changes/Corrections

Alan Allen, N7EAY
PO Box 8302
Tacoma, WA 98418-0302

Del Chase, KB7PKI
12616 118th Ave NW
Gig Harbor WA 98329-5492 Phone Unknown

Clinton Johnson, KA6KWD
Christina Johnson, KC7WZC
PO Box 648
McKenna WA 98558-0648 Phone Same

E-Mail Address Changes/Additions

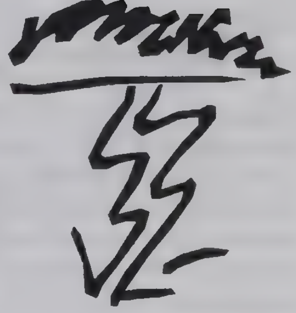
New Calls/Upgrades

Silent Keys

Norm Moberg, W7CMO
Ralph Rawling, W7COP

COMING PROGRAMS AT RCT

SEPTEMBER - LIGHTNING AND GROUNDING MONTH!



SEPTEMBER 9TH - Shocking Facts About Lightning

Hal Stahlhut, W7EC, will present incredible facts about lightning, how it is created, and what determines the path it will take. The facts will amaze you.

SEPTEMBER 23RD - Grounding For Antennas, Towers, and Safety

Dr. Alan Chandler, K6RFK, from Woodinville, will show how to properly ground your equipment and tower systems for safety, how antennas work with and without grounds, the myth of the "shielded" ground connection, and grounds for mobile antennas. Dr. Chandler is Director of R, D, and E for Kalmus Engineering. Earlier, at AEA, he designed AEA's packet TNCs and Morse keyers.

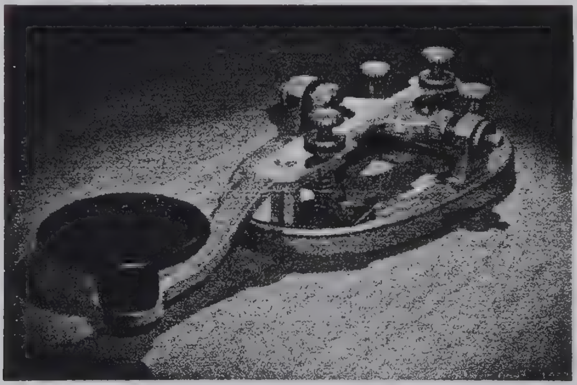
OCTOBER - CW MONTH!

OCTOBER 14TH - CW Proficiency: Listen Ahead, Write Behind, and Build a Morse Code Buffer

Bill Balzarini, KL7BB, will divulge the secrets to copying Morse code. Five WPM to 13 WPM, to 20 WPM, to 30 WPM. This method can help you over most Morse code "bumps." Anybody can learn to increase their code speed with this method. [NOTE: Bring pencil and paper, and be prepared to stay late - this seminar may take two hours, but it will be the breakthrough you need to learn that challenging Morse code!]

OCTOBER 28TH - The Total Package for Learning Morse Code

Harry Lewis, W7JWJ, from Seattle, will show the correct practice techniques, technical parameters, motivation, and even diet and exercise requirements for successful learning of the Morse Code. Harry is the ARRL Section Manager for Western Washington, and holds the world code speed record of 76 WPM (he actually has copied 79 WPM, but that run wasn't witnessed for record). Harry will show a 5-minute video of the actual record-setting run.



Your Ad Could Be Here!

Call, Shirley, N7QHW
at (253)265-3661 for info.

▶▶▶ *ADDRESS CHANGES* ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail.

Send changes to: Radio Club of Tacoma,
PO Box 11188, Tacoma, WA 98411-0188
or give them to Al,K7HW, @ 253-474-9023.

ARES/RACES

YES !!! there is still time to help out with the emergency preparedness drill.

On the 22nd of September will be "Soundshake 98", this will be an exercise that will encompass multiple counties and the state also. There will be a simulated earthquake, total communication blackout with telephones(yes, cellular also) so the only means of communications will be amateur radio. The event will include an event at the fair so whoever signed up for the fair booth on the 22nd be prepared and hazardous material spills as well. We don't have the exact numbers of persons needed to help with this exercise but it will be many and since it is a Tuesday, this means there will be fewer people available so please try to set aside some time for this event now and let Alan, KB7SVU, know if you can help. (Telephone listed below.)

In addition to the above needs, there are still needs for leadership positions to be filled in ARES/RACES. There are some zone leadership positions, hospital leadership position. Remember the Radio Club of Tacoma has committed to support ARES/RACES by providing support for public service events so please volunteer.

There are only a very few members who come to the RCT meetings and we need all of you to help out with these events and happenings within the Radio Club. So break the Golden Silence folks, and start helping out. Don't just leave it to the folks who come to the meetings.

If you can help with any of the drill or leadership positions, contact Alan, KB7SVU, at 253-840-4947 or Bob Tilley, KB7NBQ, at 253-875-0755. If you do not have a State Workers Identification Card and want to volunteer, you need to get a card and here is how to do it. I extend a personal invitation to each of you to get involved.

For those of you who already have a card, remember, check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan or Shirley (info at the end of the article).

If you have not joined ARES/RACES and would like to, contact Alan, KB7SVU, ARES Emergency Coordinator and RACES Radio Officer at 253-840-4947 or see Shirley, N7QHW, at any Radio Club of Tacoma meeting for an application.

N7QHW

The following information was printed in The Radiogram, a newsletter published by Group Health Cooperative for the ARES Medical Services Team in Western Washington.

Project Impact Expanded to King and Pierce Counties

by James Grimaldi,
Seattle Times Washington Bureau and reprinted from Seattle Times.com, June 3, 1998.

King, Pierce Counties were named today as two of a handful of communities nationwide that will participate in a special disaster-preparation program aimed at saving lives and property from natural catastrophes.

Federal Emergency Management Agency Director James Lee Witt selected King and Pierce counties as part of "Project Impact" which expands a pilot program begun last fall in Seattle and six other communities across the country.

The counties will receive about $250,000 each to pay for the programs, but the emphasis will be on wider civic participation and planning that will change the way communities prepare for disasters for years to come, said David DeCourcy, FEMA regional director for Washington, Idaho, Oregon, and Alaska.

King and Pierce were selected because of the region's high risk for earthquakes and floods along with the local government and business communities' willingness to join efforts to prepare for the worst, DeCourcy said.

"We're not going to tell the communities what to do," he said. "We're going to offer them some seed money and ask them to come up with projects that they feel are good demonstrators of long-term comprehensive solutions to these problems."

Each participating community will receive technical help from the Federal Emergency Management Agency, but most work is meant to be done by government, businesses, universities and individuals.

Pierce and King counties or local businesses will be asked to kick in 25 percent of the grant amount, about $63,000, to participate.

These contributions can come in a variety of ways. In the Seattle pilot program, for example, the local matching money included below market loans to homeowners by Seafirst and Washington Mutual banks. The loans were given to help homeowners retrofit homes for earthquake safety.

73, Shirley, N7QHW

VOLUNTEER TODAY!

Radio Club of Tacoma License Exams

SEPTEMBER 8, 1998

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: RCT for $6.25. For information call: Al,K7HW @ 253-474-9023

PINOCHLE

2 gatherings each month

Pinochle & Potluck - 7PM
Saturday, Sept. 12th

Ladies Pinochle - 12 Noon
4th Monday of the Month

Both gatherings at the Clubhouse.

Make your voice count... get your comments to W7BUN and VOTE on Sept. 9!

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(206) 471-1000
(800) 585-8500

AJ7Y

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Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
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Bremerton, WA 98311
Voice/Fax: (360) 479-2619
E-mail: 2ndbyte@kendaco.telebyte.com

CONTESTS

THE SKY'S THE LIMIT
WITH AMATEUR RADIO

September

1-2
Labor Day CW Sprint

6-7
North American Sprint, CW

12-13
ARRL September VHF QSO Party.
Worked All Europe Contest, phone.
North American Sprint, phone.

19-20
ARRL 10 GHz and Up Cumulative Contest.
Air Force Anniversary QSO Party
Washington State Salmon Run

26-27
CQ WW RTTY Contest

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $36, XXL ARE $40 AND XXXL ARE $43.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!

MINUTES

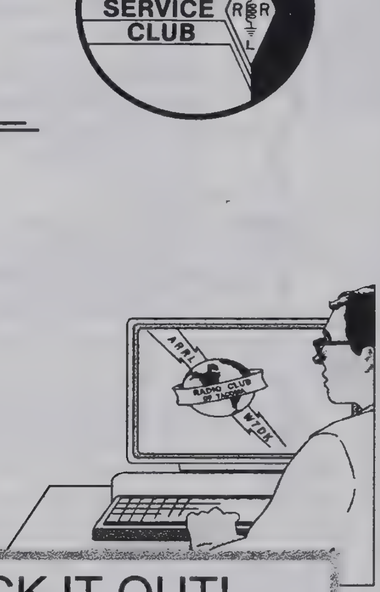
Radio Club Of Tacoma
Board Meeting
5 August 98

Due to lack of a quorum, the August 8th, 1998, RCT Board Meeting was deferred to September 2, 1998. Board members present were Roger, WA7ANJ, Alan, KB7SVU, Al, K7HW, and Morel, W6LIX. Visitors and RCT members were Art, AA7EO, David, WB7AUJ, Dawn, KC7VZM, Mick, KC7TVM, and Rich, N7ANF, and Ms.Manson.

Respectfully submitted,
Alan Hughes, KB7SVU, Acting Secretary.
Roger Terwilliger, WA7ANJ, President

VOLUNTEER
PUYALLUP
FAIR '98

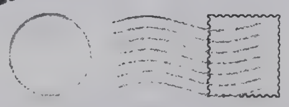
SPECIAL
SERVICE
CLUB



CHECK IT OUT!

RCT Web Page:
www.mashell.com/~roblee/rct.htm

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO
CONTINUE RECEIVING YOUR BARK



Radio Club Of Tacoma
General Membership Meeting
12 August 98

The meeting was called to order at 7:30 PM. by the Presi dent Roger Terwilliger, WA7ANJ. the flag salute was given and was followed by the introduction of everyone present.

Treasurer's Report:

General Checking	$291.28
Repeater Funds	180.35
Packet Fund	372.57
Class Fund	0.00
Scholarship Working Fund	700.00
Flea Market Checking	4000.00
Scholarship CD	2982.71
WM Financial Services	9105.91
Total (except flea mkt.)	$12,632.81

Members year to date: 415

Program: Pete, K7PP, talked about his repeater system with ties to Eastern Washington.

Flea Market: Alan, KB7SVU, stated that the final totals from the flea market will not be ready for about 30 days. The preliminary report gave the number though door at 425, with the amount made about $1000.00. Alan also stated that we need to find someone now for next year because he will not be available next year.

ARES-RACES: Remember Sept. 22, 98 SoundShake '98. We will need help to man fire stations.

ARRL: Jerry, W7BUN, talked about the FCC plans for license restructuring.

Give Jerry your comments.

Fair: Shirley, N7QHW, ask for someone to organize message traffic from the Fair. Jerry, W7BUN, said he would handle it.

Hints and Kinks: Hal, W7EC, showed how to strip twin lead using a small torch .

Good of the Order: Jerry, W7BUN, will have an advance class soon.

The meeting adjourned at 8:52 PM.
Alan Hughes, KB7SVU, Acting Secretary.

DO THE PUYALLUP '98

Western Washington Fair at Puyallup
September 11 through 27, 1998
RCT booth in the Hobby Hall
Need staffing for the booth every day
Shifts: 9:00 AM to 1:30 PM
1:30 PM to 6:00 PM
6:00 PM to 10:00 PM Sun. thru Thurs.
6:00 PM to 11:00 PM Fri. and Sat.
Multiple shifts and days by people welcome.
Calendar available at meetings or call Shirley Murphy, N7QHW, at 253-265-3661.

PINOCHLE

at the Clubhouse
1249 So. Washington
THIS MONTH ONLY - 2nd Saturday, Sept. 12th
Pinochle & Potluck - 7pm
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898

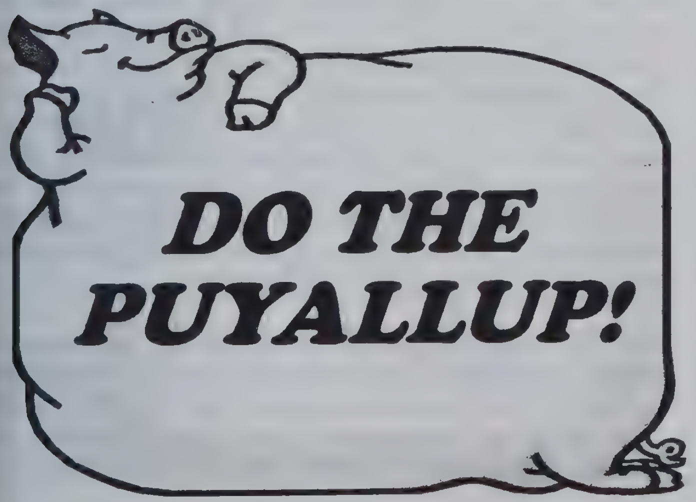
ANOTHER CLASS OPPORTUNITY

The Mike & Key ARC has started offering Novice and Technician Classes each month. The classes are held three Saturdays for four hours or less starting at 1000 hrs thru 1400 hrs. The fourth Saturday is for testing immediately after the Club meeting. These classes are held at the Salvation Army Hq. in Renton. The next class will be starting in late September.

We use the "Now You're Talking" book and offer the book for $19.00. There is a class charge of $10.00 for handouts, printing, etc.

Please contact Ray E Leslie WA7EKH at 425/821-4188 or e-mail wa7ekh@prodigy.net for further information or sign up for the class.

VOLUNTEER!


DO THE PUYALLUP!

Editor's Notes

de NØEYK

E-Mail address:
NØEYK@excell.com

Do the Puyallup!
Do support your club
with your presence and participation!

By-laws VOTE at club meeting on Sept. 9!

Well, lots has happened in the Nace household since last I typed! Our daughter was due to deliver our new granddaughter Aug. 4th. We were due to go to a Full Timers Chapter Rally that started Aug. 7th in Provo, UT and then go on to the FMCA summer convention in Ogden, UT starting Aug.17th. The new granddaughter arrived on Aug. 9th with grandma present. WOW! What an experience! We missed the rally but did go to the convention and had a great time meeting up with folks we had met in NM last March and visiting with new folks! Roger is the vice president of the new Bits and Bytes Chapter...and I am going to do the all electronic newsletter! The next gathering of these groups will be in GA next March.

Thanks to all of those who made the swap happen, working through all the glitches and doing all the stuff that had to be done. Someone please step up and take the chairmanship for 1999!

Our next event is the FAIR. If you haven't signed up to work a shift, please check with Shirley for any available slots. It is lots of fun to be there to tell folks passing by in the Hobby Hall about amateur radio!

Also remember to get active in ARES with SoundShake '98!

Get your comments to Jerry, W7BUN, about the FCC proposal.

See you next month! 73, Kathleen

SCHEDULE YOUR SWAPMEET VISIT

Sept 12	Umpqua Valley Hamfest
Sept 26-27	Walla Walla Hamfest
Oct 3	Nampa Hamfest, Nampa, ID
Oct10	North Kitsap Hamfest, Silverdale, WA
Oct 18	Chehalis Valley ARS Hamfest, Chehalis, WA
Oct 24	Bellingham Fleamarket, Ferndale, WA
Oct 24	Rickreall Fleamarket
June 4-6,1999	SEAPAC, Seaside, OR

◆ News from the ARRL ◆

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.

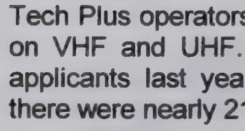
W7BUN

(Please read the proposal and get your comments and thoughts back to Jerry so he can put together the club's the club's formal petition with the FCC by the Dec. 1st deadline. Call or e-mail him with your feelings on this proposal. Next month we'll list e-mail and snail-mail addresses for individual comments to be submitted. His e-mail is **w7bun@wa.net** Help make our voices heard! ...editor)

QST de W1AW
ARRL Bulletin 57 ARLB057
From ARRL Headquarters
Newington CT August 11, 1998
To all radio amateurs

SB QST ARL ARLB057
ARLB057 FCC proposes to streamline amateur rules

The FCC has proposed to phase out the Novice and Technician Plus class licenses, leaving just four amateur license classes in place--Technician, General, Advanced, and Extra. The Commission also has asked the amateur community to express its opinions on Morse code requirements for licensing and testing, but offered no specific changes. And the FCC proposed to permit Advanced class licensees to administer amateur exams up through General class. The proposals were among several suggested rules changes and invitations to comment contained in an FCC Notice of Proposed Rulemaking, WT Docket 98-143, made public August 10.



In proposing to phase out the Novice and Tech Plus tickets, the FCC said "there appears to be an unnecessary overlap between the Novice, Technician, and Technician Plus license classes." The FCC also said that Technician and Tech Plus operators "predominantly" use FM and packet on VHF and UHF. In addition, the FCC said Novice applicants last year numbered fewer than 1000, while there were nearly 21,500 Technician applications.

Under the FCC plan, Novice and Tech Plus licensees would retain current operating privileges, but no new Novice or Tech Plus licenses would be granted. For examination purposes, current examination elements 2 and 3A would be combined into a new element 3A. For administrative purposes, the FCC would combine the current Technician and Tech Plus databases into a single Technician database. The proposal would eliminate the 5 WPM code test, Element 1A, as a required element for any class of license.

The elimination of the Novice and Tech Plus license classes would effectively raise the bar for future applicants desiring to gain HF operating privileges, unless the FCC ultimately reduces Morse code testing requirements. Since the General class license would become the entry-level HF ticket under the FCC's proposed rules, applicants would have to pass at least the 13 WPM code test.

The FCC did not propose to change any operating frequencies or license privileges for amateurs. However, the FCC does seeks comment on the disposition of the current Novice HF bands, which carry a 200-W output power limit for all licensees. The FCC invited comment on whether it would be "appropriate" to delete the Novice bands and the power restrictions on higher-class licensees and permit Novices to operate CW anywhere on 80, 40, 15, and 10 meters at 200 W output.

The FCC opened the door to comments on all aspects of Morse code testing from the amateur community. In particular, the Commission said it wants to know if hams prefer the current three-level system or would like to see it reduced to a one or two-tier system--and, if so, at what required speeds. The FCC asked whether hams would be willing to trade a reduction in Morse code requirements for additional written elements on newer digital technologies "which, in part, are replacing the Morse code." And, the Commission asked whether it should consider specifying Morse code examination methods, such as fill-in-the-blank or one minute of solid copy, instead of allowing VEs to determine the testing method.

In a related issue, the FCC also seeks comments on how to deal with potential abuses of the current disability waiver for higher-speed Morse code tests. In RM-9196, the ARRL had asked the FCC to require anyone applying for an exemption pursuant to a doctor's certification to first attempt the higher-speed test before examination credit could be given. The League also asked that VECs have access to relevant medical information from the certifying physician. The FCC said the ARRL's proposal would place "an unfair burden on examinees" and raised serious privacy and confidentiality issues.

The FCC went along with an ARRL petition and proposed allowing Advanced class hams to be eligible to prepare and administer license examinations up through General class under the VE program. The Commission said the change would permit greater testing opportunities for hams. The FCC also invited comments on whether it should change written examination requirements "to provide VEs and VECs additional flexibility in determining the specific contents of written examinations."

Referring to yet another ARRL petition, RM-9150, the FCC invited comments on how it can improve its Amateur Radio enforcement processes. The FCC applauded the ARRL "for its creative thinking" in that petition, but said the specific proposal was "inconsistent" with the current statutory role of administrative law judges. The FCC raised the possibility of encouraging complainants to include a draft order "to show cause to initiate a revocation or cease and desist hearing proceeding." The FCC said it also wants to hear how it can better use the services of the Amateur Auxiliary in beefing up enforcement.

The FCC proposed to phase out Radio Amateur Civil Emergency Service, or RACES, stations by not renewing their licenses. No new RACES licenses have been issued since 1980, and only 249 valid licenses remain. The FCC said RACES stations no longer are needed because any amateur station that has been properly registered with a civil defense organization has the same privileges as a RACES station.

The FCC also took the occasion to clarify the definition of "power" as used in the RF exposure table in Section 97.13(c)(1). The FCC said it refers to peak envelope power (PEP) input to the antenna. It also made clear that no one holding an FCC-issued ham ticket may apply for a reciprocal permit for alien amateur license.

The FCC set a longer-than-normal comment period. The deadline for comments is December 1, 1998. The deadline for reply comments is January 15, 1999. The FCC will accept electronic comments via the Internet at http://www.fcc.gov/e-file/ecfs.html.

A copy of the complete NPRM has been posted on the ARRLWeb page,

RADIO CLUB OF TACOMA

W7DK

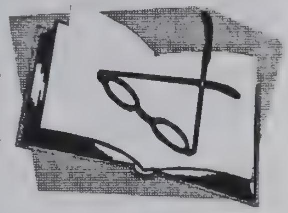
ARRL

RADIO CLUB OF TACOMA

W7DK

Amateur Radio Exams

in the Puget Sound Region as of June 17, 1998



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Saturday - 1 PM - Boeing **Kent** Rec. Center, 22649 83rd Ave So, Room "C", - Contact Rick Antes, KF7VG, 425-277-2220, Des Moines

2nd Tuesday - 6:30 PM - **Everett** - Sno-Isle Skills Center - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 425-355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Mike Dinkelman, WA7UVJ, 253-854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 360-793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 360-652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

4th Saturday - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 425-335-5258, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, 222 Columbia North - Contact John Steele, AA7WX, 360-491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652

FLEA MARKET '98

"It will never get done" was exactly my thought when I walked into the Charles Wright Academy to help set up for the Radio Club of Tacoma Flea Market scheduled there the next day.

There was just too much to get done - over a hundred heavy tables had to be unloaded, set up in properly spaced rows, and chairs placed at each table. Electrical power had to be hooked up and wires placed so the vendors could have power at their tables. The area we were going to use to sell sodas and hot dogs was dark, dirty, and generally in a hopeless mess. In addition to the manual labor needed to set up, it seemed the staff at CWA went out of their way to make things difficult for us. Every few minutes one of the workers would come in and announce a new rule that seemed designed to make our task difficult, if not impossible.

There was NO WAY we were going to be ready on time. Was I ever wrong !!!

There was a good turn out for the work party and the work got done - no one stood around waiting to be told what to do, folks just seemed to sense what had to be done, and got to it. When a "crisis" developed it usually had already been thought of, and provided for, by either Alan Hughes, Flea Market Chairman, or our trusty Prez, Roger. If it was a new problem a few minutes of "consultation" resulted in a solution. The food area was cleaned, organized, and by 1630 food and beverages were being served to the crew.

During the day of the Flea Market members roamed the area and took the initiative to do what needed to be done. After a long, but successful day, we faced the clean up chores... Again, members pitched in and got it done - folks stayed until everything was put away and cleaned. Having a good group of workers spread the load so no one was left with more than they could handle.

If you missed it this year, I hope you will start planning on attending next year. It is the main source of income for our club that enables it to provide the services we all expect. If everyone pitches in and does a little, then it all gets done and no one gets stuck with a heavy load. It is hard work, but I guarantee you will enjoy it and feel good about yourself when it is done !!!

A sincere thanks to all who pitched in and made it such a successful event !!!
Chuck Souter, KA7HJN

FLEA MARKET '98 THANX!

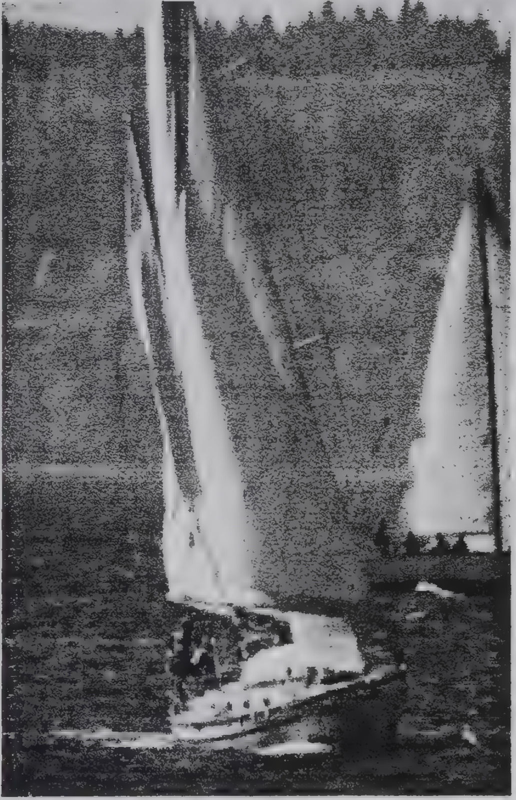
I want to thank each and every one of the folks who assisted at the flea market this year. Undoubtedly, and unfortunately, I will probably omit someone from this list. It may look like an oversight, but I assure you, it isn't intentional, and it probably has more to do with poor memory than anything else.

Name	**Call**	**Affiliation**
BOB	WB7QCS	RCT
WORTH	W7WG	RCT
EARL	N7EP	Mike & Key
AL	KC7YGC/AA	RCT
DICK	K7NEX	M & K
CHUCK	KA7HJN	RCT
KERMIT	W7PMR	RCT
LOUIS	KC7VUM	RCT
MICK	KC7TVM	RCT
DAWN	KC7VZM	RCT
BRI	No Call	THANX!
DENISE	No Call	THANX!
AL	K7HW	RCT
DANNY	KC7CUQ	RCT
PETER	KC7TSY	RCT
KEITH	KB7NVW	RCT
JILL	KC7PSQ	RCT
ART	AA7EO	RCT
JIM ISAAC	No Call	THANX!
TRESSIE	KC7BAL	RCT/M & K
ED	KC7OKS	RCT
JOHN	KC7ZQY	RCT
LARRY	AB7FJ	MARS
CHUCK	N7SJR	M & K
DAVID	KD7CIR	RCT
AL	KJ7UI	M & K
DAN	KC7KAN	RCT
VAL	N7VGO	RCT
DAVID	WB7AUJ	RCT

.... AND THOSE I MISSED. THANK YOU, ONE AND ALL. WE COULDN'T HAVE DONE IT WITHOUT YOU!!
73, ROGER, WA7ANJ

THANKS TO ALL

NEWS FROM OUR SAILING HAMS!



Hi Kathleen. Been following your travels via the Bark. That's some juggling act to edit it while on the road. Let's hear it for modern communications, eh? Thought it was time to send in an update on "Circe's Journey Into the Sea of Cortez." We left LaPaz the end of July and are working our way north. I continue to meet Mac, W6NBD, each morning at 8:45 PDT on 14.292. Mac is very patient about hooking up phone patches for us and it's much appreciated. So nice to be able to talk to family now and then. He also keeps us informed about NW weather and misc news. Strange to hear that you had a couple of days hotter than here! Our temps hover around 90 day & nite. Hotter during the day with 100+ not unusual and we're lucky if it "cools down" to 85 at nite! We have fans running constantly and a big wind scoop funneling a breeze in (if there is one) through the forward hatch.

I've had one of those elusive radio problems for several months. Some days I would turn my Icom 735 on; it would light up; but nobody home. I'd leave it for a while and sometimes it would come on 5-60 min later, sometimes not at all. Other times it would come on and work fine and then suddenly quit. It finally got bad enough that I took it out and had a former Kenwood repairman here in Mexico look at it in. It was a tough find but he located a tiny broken wire. Apparently sometimes the wire would lay on itself and therefore work. He fixed it and it's been fine since. Our Icom is 5 yrs old now and other than that has been trouble free. Has been a good set for us. The Ham is particularly helpful right now during the hurricane season. We listen for the weather on the Chubasco net every morning. They give us the lat/long of any tropical disturbances, depressions, storms or hurricanes. We have a little grid and our daily ritual is to plot and track them to see if they might be a threat to us. If one should turn tis way you can be sure we would high-tail-it to the nearest hurricane hole. We've also had a few brief storms pass through. Now if we see something on the horizon, we track it on the radar to see if it's headed our way or not.

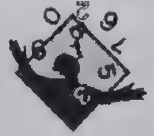
You're probably wondering what a typical day is like. I'm up by 7:30 for early check-in on Sonrisa net. PKF likes to listen from his berth in the bow. The dress for the day is swim suits. We read a lot, make bread (since we're pretty remote out here), and try to stay out of the sun. The water is crystal clear, turquoise blue and snorkeling fantastic. We wear full-length lycra suits to protect us from the sun and any stinging critters. Yesterday I went with fellow cruisers and we got our own lobster!

This week we're at Isla Monserrate, a barren island off the Baja peninsula. There are about 16 boats anchored here. Last night we had a fish cook-off on the beach (the winners were Scallops Sushi, Fried Scallops and Hangover Helper). Then the best-decorated hermit crab contest. The winner was "Norm's Nightmare" with a gal on top of 2 crabs complete with miniature sun glasses. One was the viper and had a snake rising up. One was "top hat" with the hat made from a toothpaste lid. One guy from a trimaran had 3 globs of egg white on his and called it tri-meringue. Then they put them all in a circle and the first one out was the winner. Then we all took flashlights and went searching for ghost crabs. It is a challenge to find, chase and capture those little devils. We gave them silly names and then had the crab drag races. They set up two "track's" about 30' long side by side in the sand divided with thin strips of plywood. One cruiser brought a generator so we had a big flood light and then the track was all otlined with little white Christmas lights. At "go" you drop your crab in the slot and try to get it to run the right direction. The only thing you can use to help is a feather and lots of yelling. The first crab to the end is the winner. Two guys sit at the end to catch them for further rounds as these are fast little hummers. It's a bit of a trick to figure out if your crab is a right or left runner. If you put it down the wrong way it promptly crawls out and you're disqualified. Lots of fun. Are we bored or creative or what?

So tune in next month to see what's happening down Baja way. Marilyn XE2 KB7 PCT.

September 1998

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 7:30 PM RCT NET 147.28R *JAMES WA7DWG **LABOR DAY CW SPRINT**	2 7:30 PM RCT BOARD MTG *GAIL N7BVS *STUART W7OQQ *SUSAN N7WHA **LABOR DAY CW SPRINT**	3 *DAVE K7LHB	4 *DICK AA7NI *LES KA7MYU *MERLE W7QLG	5 9:00 AM OPEN HOUSE 7:00 PM PINOCHLE POTLUCK *JAMES N7WGN *TOM W7PK
6 *CARL N7UDP *DICK N7RHV *GENE W7EOF **FULL MOON**	7 LABOR DAY	8 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R *JUDY AJ7R	9 RCT MEETING 112TH ST E & WALLER RD	10	11  **WWA PUYALLUP FAIR SEPT 11-27**	12 9:00 AM OPEN HOUSE *CHUCK N7WGW **ARRL SEPT VHF QSO PARTY**
13 **ARRL SEPT VHF QSO PARTY**	14	15 7:00 PM MVWS VE EXAMS 7:30 PM RCT NET 147.28R **BARK DEADLINE**	16 *WENDY KC7VUO	17 *JOHN KC7OQN	18 *PETER N7ENT *WORTH W7WG	19 9:00 AM OPEN HOUSE *LEONARD N7CJY *VALERIE KA7FLH **WA STATE SALMON RUN**
20 **NEW MOON** **WA STATE SALMON RUN**	21 *GARY N7GWC	22 7:30 PM RCT NET 147.28R *BILL KC7OLY *CHUCK N7ETC *CHUCK W7PWN **AUTUMNAL EQUINOX**	23 *JOE KA7DCX RCT MEETING 112TH ST E & WALLER RD	24 *CHRISTEL KC7UFL	25 *BOB KG7SM	26 9:00 AM OPEN HOUSE *ALEX KB7LNZ *BUD KC7AVT *FRANK KC7CQW
27	28 12:00 PM CLUBHOUSE LADIES PINOCHLE *HAROLD KA7MZA *LORNA KB7YTJ	29 7:30 PM RCT NET 147.28R *AL K7HW *JOHN WB7ARK	30			

August 1998

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October 1998

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THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

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TACOMA, WA
PERMIT NO. 1078

COMING EVENTS

OCT 3 - Pinochle Potluck, 7 PM, Clubhouse

OCT 7 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

OCT 13 - License Exams - 7 PM - Clubhouse

OCT 14 - Club Meeting - Library Administration Center, 7:30 PM
Program: CW Proficiency: Listen Ahead, Write Behind, and Build a Morse Code Buffer

OCT 15 - BARK deadline AND election flyer info deadline

OCT 26 - Ladies Pinochle - Noon, Clubhouse

OCT 28 - Club Meeting - Library Administration Center, 7:30 PM
Program: The Total Package for Learning Morse Code

HELP WANTED! Run for club officer NOW!

Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events. Contest calendar - page 8. See page 3 for meeting program schedule.

CLOCKS FALL BACK,
OCT. 25!

October 1998

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 *BILL W9BYH	2 *POP WB7WPQ	3 9:00 AM OPEN HOUSE 7:00 PM PINOCHLE POTLUCK *FRANK W7YDS
4 HAPPY OCTOBER	5 *LEE KC7VAA FULL MOON	6 7:30 PM RCT NET 147.28R *BRETT KC7YEQ	7 7:30 PM RCT BOARD MTG *CHARLES KC7HFP YL ANNIVERSARY CONTEST CW	8 YL ANNIVERSARY CONTEST CW	9 YL ANNIVERSARY CONTEST CW	10 9:00 AM OPEN HOUSE *DICK WB7RAX *LYNN WB7ORM
11 *DEL KB7PKI	12 *DONNA KC7ETT	13 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R *HERB KC7BAA	14 ** *DEL W7JG *ETHEL W7WLX *JESSICA KC7ZWM *MARK KC7TVP OFFICER & BOARD NOMINATIONS AT RCT MEETING	15 BARK DEADLINE	16	17 9:00 AM OPEN HOUSE *JOHN KB7SWY *SUSAN KC7AVS *TED KC7CAX
18 *JILL KC7PSQ	19 NEW MOON	20 7:00 PM MVWS EXAMS VE 7:30 PM RCT NET 147.28R *DAVE N7WGB *DOUG KC7AZU *HARVEY W7RMI	21 RCT BALLOT MAILED–BE SURE TO VOTE YL ANNIVERSARY CONTEST PHONE	22 *CHUCK WY7V *DAWN KC7VZM *ROBIN KC7KXF YL ANNIVERSARY CONTEST PHONE	23 YL ANNIVERSARY CONTEST PHONE	24 9:00 AM OPEN HOUSE *JEAN KB7SVX *KERMIT W7PMR CQ WW DX CONTEST PHONE
25 ** *CLIFFORD KC7CLV CQ WW DX CONTEST PHONE STANDARD TIME CLOCKS FALL BACK	26 12:00 PM CLUBHOUSE LADIES PINOCHLE	27 7:30 PM RCT NET 147.28R	28 *ED KC7TVS RCT MEETING 112TH ST E & WALLER RD	29 *NED W7EPE *ROGER WA7ANJ	30	31 9:00 AM OPEN HOUSE BARTG RTTY SPRINT HAPPY HALLOWEEN

September 1998

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November 1998

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THE RADIO CLUB OF TACOMA
W7DK
SPECIAL SERVICE CLUB

THE LOGGER'S BARK

VOL. XXXV NR. 10 W7DK OCTOBER 1998

FROM THE PRESIDENT

WA7ANJ

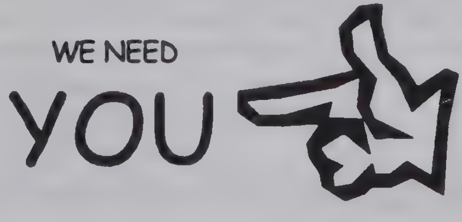
We're settled in at school, the Puyallup Fair is behind us - you DID 'Moo the Puyallup', didn't you?? - a GREAT opportunity to present Ham radio to the public! And, elections are coming. Be sure and prepare a statement, with a picture, for the election flyer (and later, the BARK) if you intend on running for a board position. They're all up for election, and if you desire further information on what is required for each job, be sure to ask - someone will be glad to fill you in. Merle Handy, W7QLG, is the Chairman of the Nominating Committee, and will gladly assist you in getting your feet wet!

Also, please remember that the November 11 general meeting is MOVED to the Lakewood Community Center, 9112 Lakewood Drive SW, Room 124, at 7:30 PM. That's South of Steilacoom Blvd., at Lakewood Drive SW. Directly at the West end of the West end of the Clover Park runway - across the street. Can't miss it. The program will be small, and I am asking YOU to bring a "Show and Tell" project for our enlightenment and amusement - not necessarily in that order. I plan on showing a couple of gadgets that I have acquired over the last year or so. This is also our "count the ballots" night, by an Election Committee that will be named at our October 14th meeting. If you'd like that job, let me know.

Simulated Emergency Test (SET) coming Oct. 10 - 11. Jamboree - On - The - Air is Oct. 17 - 18. Invite a Scout to the shack and help him/her contact other Scouts around the country. Another great opportunity!

The spirit of volunteerism is moving through the membership, and that's something I'd like to thank you for. Folks that bring coffee and cookies or donuts to the meetings; the "early" volunteers for the 1999 Flea Market - the Education and Training crew, needing more instructors to get going after the Fair; and those who take "call forwarding" from the club. (Yes, people really want to know if we have dances!) But I have yet to receive a call for The 'RODEO' Club of Tacoma. No fooling, I saw it on a pencil at the clubhouse!

Have FUN with Ham Radio! 73, Roger



🕮 IN THIS ISSUE...

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▶ ARRL NEWS - READ IT! - Page 6
▶SEPT. CONTEST CALENDAR - Page 5
▶SWAP MEET SCHEDULE - Page 4

▶ RUN FOR CLUB OFFICE!!!

RADIO CLUB OF TACOMA -- 1998

PRESIDENT	ROGER TERWILLIGER	WA7ANJ	475-4293
V PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
SECRETARY	NORA SIMMONS	KC7JME	847-5124
TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
BOARD (5)	AL BURLESON	K7HW	474-9023
	MIKE CRAWFORD	WB7DFQ	531-4789
	MOREL GUYOT	W6LIX	838-5433
	LOU SIMMONS	KB7WDB	847-5124
	CHUCK SOUTER	KA7HJN	863-2650
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PUBLISHER	W7DK PRESS	N7QHW	265-3661

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CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@excell.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma
147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

John A Balint, KD7CCD RCT # 2014
PO Box 269
Kapowsin WA 98344-0269 360-874-5272

Reinstatements

Address/Phone Changes/Corrections

Del Chase, KB7PKI
6351 Mae Valley Rd NE
Moses Lake, WA 98837-9177 509-764-4254

E-Mail Address Changes/Additions

New Calls/Upgrades

Silent Keys

PINOCHLE

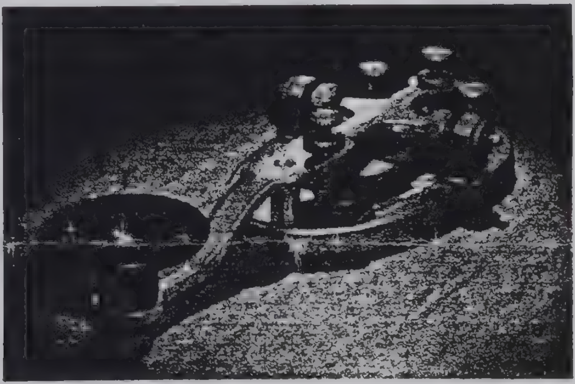
at the Clubhouse
1249 So. Washington
1st Saturday, October 3rd
Pinochle & Potluck - 7pm
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898

COMING PROGRAMS AT RCT

OCTOBER - CW MONTH!

OCTOBER 14TH - CW Proficiency: Listen Ahead, Write Behind, and Build a Morse Code Buffer
Bill Balzarini, KL7BB, will divulge the secrets to copying Morse code. Five WPM to 13 WPM, to 20 WPM, to 30 WPM. This method can help you over most Morse code "bumps." Anybody can learn to increase their code speed with this method. [NOTE: Bring pencil and paper, and be prepared to stay late - this seminar may take two hours, but it will be the breakthrough you need to learn that challenging Morse code!]

OCTOBER 28TH - The Total Package for Learning Morse Code
Harry Lewis, W7JWJ, from Seattle, will show the correct practice techniques, technical parameters, motivation, and even diet and exercise requirements for successful learning of the Morse Code. Harry is the ARRL Section Manager for Western Washington, and holds the world code speed record of 76 WPM (he actually has copied 79 WPM, but that run wasn't witnessed for record). Harry will show a 5-minute video of the actual record-setting run.



CHANGE IN NOV. 11th MEETING LOCATION

General meeting is MOVED to the Lakewood Community Center, 9112 Lakewood Drive SW, Room 124, at 7:30 PM. That's South of Steilacoom Blvd., at Lakewood Drive SW. Directly at the West end of the West end of the Clover Park runway - across the street.

Your Ad Could Be Here!

Call, Shirley, N7QHW
at (253)265-3661 for info.

ADDRESS CHANGES

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail.
Send changes to: Radio Club of Tacoma,
PO Box 11188, Tacoma, WA 98411-0188
or give them to Al,K7HW, @ 253-474-9023.

ARES/RACES

I first would like to express my sincere thanks to all of you who have so graciously volunteered to support ARES/RACES functions throughout this year. It couldn't be done without you.

For those of you who may not know, two more of our members have volunteered to take on the position of Public Service Event Coordinator. They are Stan and Nana Warburton, N7KMF and N7OIX. Congratulations to them and be sure to help them out next year when all the events start happening in the spring.

There are other leadership positions and a hospital leadership position still available. If you can help with any of the leadership positions, contact Alan, KB7SVU, at 253-840-4947 or Bob Tilley, KB7NBQ, at 253-875-0755.

For those of you who already have a card, remember, check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan or Shirley (info at the end of the article).

If you have not joined ARES/RACES and would like to, contact Alan, KB7SVU, ARES Emergency Coordinator and RACES Radio Officer at 253-840-4947 or see Shirley, N7QHW, at any Radio Club of Tacoma meeting for an application.

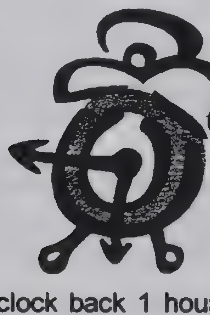
73, Shirley, N7QHW

N7QHW

VOLUNTEER TODAY!

You are needed!

REMEMBER



to set your clock back 1 hour before you go to bed on Sat. Oct. 24th, as we change to Pacific Standard Time.

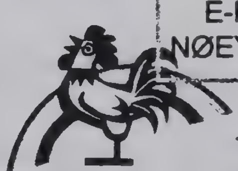
SCHEDULE YOUR SWAPMEET VISIT

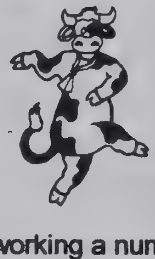
Oct 3	Nampa Hamfest, Nampa, ID
Oct10	North Kitsap Hamfest, Silverdale, WA
Oct 18	Chehalis Valley ARS Hamfest, Chehalis, WA
Oct 24	Bellingham Fleamarket, Ferndale, WA
Oct 24	Rickreall Fleamarket
June 4-6,1999	SEAPAC, Seaside, OR

Editor's Notes

de NØEYK

E-Mail address:
NØEYK@excell.com





MANY THANKS to those who MOO-ED THE PUYALLUP! Many hands do make light work! Special thanks to Shirley, N7QHW, who chaired the effort this year, and to Dick, KB6PWR, and Edith, KB7KSY, who have jumped in even more than usual, assisting Shirley, as well as working a number of shifts! Good work, team! Hope to see YOU next year! A full report will be in the next issue.

Once again the Naces are on the road. As I write this, we are in the final prep for a trip to Maine to see my folks, returning in Nov. So the Nov. BARK and election flyer will be done from Maine. Early admissions are always welcome! See you next month! 73, Kathleen

Radio Club of Tacoma License Exams

OCTOBER 13, 1998

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: RCT for $6.25. For information call:
Al,K7HW @ 253-474-9023

PINOCHLE

2 gatherings each month

Pinochle & Potluck - 7PM
Saturday, Sept. 12th

Ladies Pinochle - 12 Noon
4th Monday of the Month
Both gatherings at the Clubhouse.

ACCIDENT & BODILY INJURY
LAW OFFICES OF
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(206) 471-1000
(800) 585-8500

AJ7Y

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Attorney at Law
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CONTESTS

THE SKY'S
THE
LIMIT
WITH
AMATEUR
RADIO

3-4
VK/ZL/Oceania Contest, phone
RSGB 21/28 MHz Contest, phone

7-9
YLRL YL Anniversary Contest, CW

10
Ten-Ten Day Sprint

10-11
ARRL International EME Competition.
VK/ZL/Oceania Contest, CW.

17-18
QRP ARCI Fall QSO Party, CW
RSGB 21/28 MHz Contest CW.
YLRL YL Anniversary Contest, phone

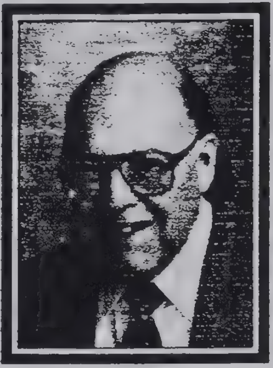
24-25
CQ WW DX Contest, phone

AMATEUR RADIO
Friendships
around the world!

◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.



W7BUN

(Please read the proposal and get your comments and thoughts back to Jerry so he can put together the club's formal petition with the FCC by the Dec. 1st deadline. Call or e-mail him with your feelings on this proposal. His e-mail is **w7bun@wa.net** Help make our voices heard! ...editor)

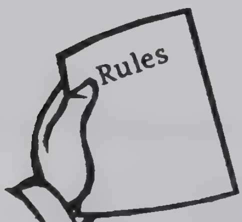
FCC ISSUES ERRATA ON "STREAMLINING" NOTICE OF PROPOSED RULE MAKING (NPRM)

The FCC has clarified most of the questions and confusion raised by its recent Amateur Radio rules "streamlining" proposal, WT Docket 98-143. The Commission this week issued some corrections and clarifications in a 13-page Errata to the original NPRM, released in early August. The FCC said the corrections were issued "to conform the proposed rules to the proposals discussed in the text of the Notice."

A major change from the original rulemaking proposal was to effectively reinstate language providing for a physician's certification that an applicant is unable to pass a 13 or 20 WPM Morse code test. In the NPRM text, the FCC invited comment on this issue and on an earlier ARRL proposal, RM-9196. The ARRL had asked the FCC to require anyone applying for an exemption pursuant to a doctor's certification to first attempt the higher-speed test before getting exam credit.

The Commission also clarified its intention to retain the current 365-day time limit for a Certificate of Successful Completion of Examination (CSCE) to remain valid.

The FCC also added the words "Element 1(A), 1(B) or 1(C)" to proposed Section 97.301(e), ~~referring to the 5, 13, and 20~~ WPM code examination elements, respectively. While this clarified the need to at least have credit for the 5 WPM Morse code examination to gain Novice/Tech Plus HF privileges, neither the original NPRM nor the Errata list Element 1(A)– the 5 WPM code test–as a specific requirement for any license class. The FCC appears to be proposing to provide that a Technician licensee could gain HF privileges by passing a 5 WPM code test. Just how this would happen in the real world remains unclear.



The FCC describes elsewhere in its proposed rules how applicants may claim credit for Element 1(A), however. A proposed change at Section 97.507(d) that would have substituted the words "no less than 5 WPM" has been dropped. The current wording says "no less than the prescribed speed."

The FCC also addressed apparently inadvertent rules changes in the NPRM. Gone is language that would have eliminated Extra class phone and image privileges in the 20 and 15-meter Extra class phone subbands and data privileges in the 20 and 15-meter Extra class CW subbands. Also gone is wording that would have dropped data privileges from Novices and phone privileges for current Tech Plus operators on 10 meters. The FCC also eliminated wording that seemingly would have limited Novice CW operation to "only messages sent by hand."

The FCC's Errata also indicate that the Commission intended to retain the current 200 W PEP power limit on the current Novice/Tech Plus HF bands. The NPRM had proposed imposing the 200 W PEP power restriction on HF only when the control operator is a Novice.

The FCC also made it clear that someone holding a Technician class license granted before February 14, 1991, could get examination credit for written Element 3(A).

The Errata also add Element 1(B), the 13 WPM code test, to the elements that may be prepared by an Advanced class Volunteer Examiner.

The Errata also correct several apparent typographical errors and make other relatively minor changes to the original NPRM.

The Errata fail to address another discrepancy in the NPRM that was noted earlier by the ARRL. The NPRM gives an applicant who held a Technician license (expired or otherwise) granted before March 21, 1987, examination credit for written Element 3(B). But the proposed rules do not extend similar credit to an applicant who had held a General or higher class license, once the grace period is past. The FCC Errata is on the ARRL Web at http://www.arrl.org/news/restructuring/98-143/errata.html

AAA SAYS LMCC "BACKING OFF" 70 CM REQUEST

An official of the American Automobile Association says the Land Mobile Communications Council is backing away from its request that the FCC reallocate 420 to 430 MHz and 440 to 450 MHz from the federal government to the Private Mobile Radio Service (PMRS). And the AAA's Gary Ruark says he doubts the FCC will ever agree to the request in the face of strong support for continued Amateur Radio presence on the band. Amateur Radio has a secondary allocation on the band. The AAA is an LMCC member.

In an August 31 letter to San Diego SEC David Doan, KC6YSO, Ruark, said that strong support for ham radio from the Association of Public Safety Communications Officials-International (APCO) and the National Telecommunications & Information Administration caused the LMCC to back off its demand to reallocate the 70 cm subbands it had requested last spring. Because of that, Ruark said, "it is doubtful that the FCC would ever agree to that portion of the LMCC petition addressing sharing with amateur radio operators."

In June, AAA asked the LMCC to file supplemental comments with the FCC to withdraw the request to share the 70 cm band with Amateur Radio. The LMCC declined. "The decision was based on the perception that to change the language now could undermine the rest of the petition," Ruark explained. Ruark, the AAA's emergency road service technical communications specialist, said the AAA would be unable to get the LMCC to reverse its position "because there is not enough support to win a vote on the matter."

But Ruark said it was his understanding that the LMCC "would not continue to actively seek access to the amateur radio spectrum, and would forfeit that language during FCC negotiations in exchange for more important spectrum allocations."

A copy of Ruark's letter to Doan is available on the ARRL Web page,
http://www.arrl.org/news/bandthreat/RM-9267/aaa0831.html.
(Yes, there is a hyphen ...RM-9267... Your Editor!)

RADIO CLUB OF TACOMA

W7DK

ARRL

RADIO CLUB OF TACOMA

W7DK

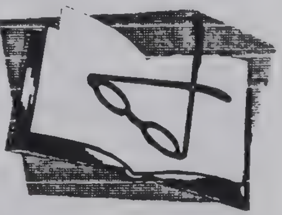
LIFE'S LAUGHTER!

The Official Drug Test
1997 Darwin Awards Honorable Mention

A woman in Canada called the police with a complaint that she had been burnt in a drug deal. She claimed that a man had sold her a rock of crack cocaine, but when she brought it home, it "looked like baking powder." The police dispatched a narcotics agent to her house, who tested the rock and verified that, despite its appearance, it was indeed cocaine. The woman was promptly arrested for drug possession.
The RCMP (Royal Canadian Mounted Police) are encouraging anyone who thinks they may have been fooled into buying fake drugs to come forward.
(Thanks, Jerry, W7BUN! Editor.)

Amateur Radio Exams

in the Puget Sound Region as of June 17, 1998



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Saturday - 1 PM - Boeing **Kent** Rec. Center, 22649 83rd Ave So, Room "C", - Contact Rick Antes, KF7VG, 425-277-2220, Des Moines

2nd Tuesday - 6:30 PM - **Everett** - Sno-Isle Skills Center - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 425-355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Mike Dinkelman, WA7UVJ, 253-854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 360-793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 360-652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

4th Saturday - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 425-335-5258, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, 222 Columbia North - Contact John Steele, AA7WX, 360-491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652

MINUTES

Radio Club Of Tacoma
General Membership Meeting
August 26, 1998

The meeting was called to order by the President, Roger Terwilliger, WA7ANJ. The flag salute was led by Lou Simmons, KB7WDB, and was followed by the introduction of everyone present.

Correspondence: None

Treasurer's Report:

General Checking	$1054.91
Repeater Fund	180.35
Packet Fund	372.57
Class Fund	0.00
Scholarship Working Fund	700.00
Flea Market Checking	?.00
Scholarship CD	2,982.70
WM Financial Services	9,105.91
Total All Funds(except Flea Market)	$14,396.44

Members Year To Date 415

Program: Mario Badua, KD6ILO, presented a program on Portable Compact Packet Station.

Committee Reports:

Flea Market: Chuck Souter, KA7HJN, will be the Chairman for the 1999 Flea Market.

ARES-RACES: Alan, KB7SVU, reported the Graham Fire Department will be putting up two antennas for the Sound Shake excerise on Sept. 22. He passed around a sign-up sheet for volunteers.

Puyallup Fair: There are still some openings left.

Hints And Kinks: Hal, W7EC, showed a Capacitance-Induction Tester. It costs $130 to put it together. He has address of person who sells them if anyone is interested.

Good Of The Order:

A new order for Club Jackets has been started. Contact Shirley, N7QHW.

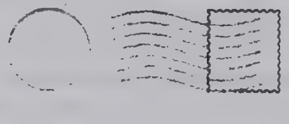
Volunteers are needed to take coffee pot and cups for the meetings.

Volunteers are also needed to answer the Club phone. It can be transferred to your home when no-one is at the Clubhouse.

A certificate of appreciation was presented to Pete, KC7TSY, by the President.

Respectfully submitted,
Nora Simmons, KC7JME
Secretary, Radio Club of Tacoma

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO
CONTINUE RECEIVING YOUR BARK



Radio Club O Tacoma
Board Meeting
Sept. 2, 1998

The meeting was called to order at 7:15 PM by the President Roger Terwilliger, WA7ANJ. Other board members present were Shirley, N7QHW, Morel, W6LIX, Al, K7HW, Lou, KB7WDB, Mike, WB7DFQ, Chuck, KA7HJN, Alan, KB7SVU, and Nora, KC7JME. Guests present were Merle, W7QLG, Mac, W6NBD, Worth, W7WG, and Al, KC7YGC.

Treasurer's Report:

General Checking	$627.59
Repeater	180.35
Packet	372.57
License Class	(82.27)
Scholarship WorkingFund	700.00
Flea Market	2,500.00
Murphy Favre Savings	9,105.91
Scholarship Memorial CD	2,982.70
Cash On Hand	95.72
Total All Funds	$16,564.84

Members 415

Correspondence: A thank you card from Ethel Rawlings.

Repeater: The club has been given a 220 repeater by Mac, W7MSR. Mike, WB7DFQ, will let us know when it is up and running.

Construction: Remodeling of the clubhouse is nearly completed except for some electrical work.

Flea Market: Final report is not in yet.

ARES-RACES: Alan, KB7SVU, is working with Pierce County Fire Department to get antennas up for the Soundshake exercise.

Old Business: Roger,WA7ANJ, and Alan, KB7SVU, will be in charge of the Long Range Planning Committee.

Nomination Committee: Merle, W7QLG, will be chairman. Anyone who is planning to run for any club position should contact him.

Equipment Custodian: Al,KC7YGC, will be the equipment custodian.

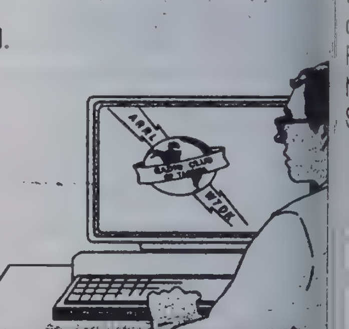
Worth,W7WG, will take some equipment to the North Kitsap Ham Fair on 10 October 1998.

The November 11th general meeting will be at the Lakewood Community Center.

Chuck Souter, KA7HJN, was welcomed as a new Board Member.

Meeting adjourned at 8:15 PM.

Respectfully submitted,
Nora Simmons, KC7JME
Secretary, RCT and
President, Roger
Terwilliger, WA7ANJ



CHECK IT OUT!

RCT Web Page:
www.mashell.com/~roblee/rct.htm

Radio Club of Tacoma
General Membership Meeting
9 September 1998

The meeting was called to order by the President, Roger Terwilliger, WA7ANJ. The flag salute was led by Al, KC7YGC, and was followed by the introduction of everyone present.

Treasurer's Report:

General Checking	$511.39
Repeater Fund	180.35
Packet Fund	372.57
Class Fund	0.00
Scholarship Working Fund	700.00
Flea Market Checking	2500.00
Scholarship CD	2982.70
WM Financial Services	9105.91
Total All Funds	$ 16,352.92

Members Year To Date: 412

Program: Bob, K7IND, talked about Mars, how it works and where it is located on Ft. Lewis.

Committees:

Long Range: David Dodd, WA7AUJ, will join Roger, WA7ANJ, and Alan, KB7SVU, on the committee.

Nominating Committee: Merle, W7QLG, and Al, KC7YGC, anyone interested in running for any Club contact either one. The Ballots are to go out October 20.

Education: David Dodd, WA7AUJ, is in charge of Education. He needs more Instructors. There is to be a no-code Tech class the first weekend of October. The Boy Scout Jamboree will be on the air Oct. 17 and 18.

ARRL: Contact Jerry, W7BUN, to get your comments in about the FCC plans for the restructuring of the License Classes.

New Business:

BY-LAWS: Treasurer, paragraph three. The word Audit will be changed to Review. The change was brought to the membership for a vote and was passed. It will read the Club's Financial Records shall be submitted for a review no later than March 1 of each year.

Good Of The Order:

Pete, KC7TSY , will work with Al, KC7YGC, as the club's equipment custodians.

Remember we need volunteers to bring cookies or donuts with the coffee to the meetings. Contact Roger, WA7ANJ, or Nora, KC7JME.

Respectfully submitted,
Nora A. Simmons, KC7JME
Secretary, RCT

RADIO CLUB OF TACOMA

W7DK

VOLUNTEER

ELECTION BY-LAWS

Yes, it is that time of year again and I am sure there are lots of you out there who would like to run for an office and how do I do it. You may volunteer to run by contacting a member of the nominating committee, or find a friend who will nominate you from the floor at the regular meeting in October (first meeting of the month) or you may be contacted by a member of the nominating committee and asked to run for an office or board position. Names and telephone numbers of nominating committee members occur later in this article.

As a reminder for all of us as elections draw near, Section Four of our By-laws cover the election process and are printed verbatim as follows.

(A) NOMINATING COMMITTEE. On or before the regular September meeting of each year, the President will appoint an Nominating Committee consisting of a Chairperson and at least two other full members who are not current officers. Members of the Nominating Committee shall have been full members of the club for at least two years. All nominees shall be Full Members who have been members of the club for at least two years. The committee shall nominate at least one candidate for each Officer and Board position. The committee shall present their nominees to the club at the October regular meeting. Additional nominations shall be accepted from the floor at the October regular meeting. No member may be nominated from the floor without giving their prior permission. (The regular meeting is defined in the By-laws as the first meeting of the month.)

(B) ELECTION COMMITTEE. At the conclusion of nominations from the floor during the October regular meeting the President shall appoint an Election committee consisting of a chairperson and at least two other full members none of whom may be candidates for election. This committee shall be responsible for composition, distribution and collection of all ballots.

(C) BALLOT. The election shall be held by secret written ballot. Candidates for each office shall be listed in alphabetical order by last name. Ballots shall be mailed to all voting members in good standing on or before October 20 of each year and shall be returned by mail postmarked no later than November 5 or personally delivered to the secretary prior to the start of the November Annual Meeting. The ballot as issued by the Election Committee shall be the official document used for conducting the election. No other form, facsimile or copy shall be accepted or counted. Voting by proxy shall not be permitted.

(C) RESULTS OF ELECTION. The Election Committee shall, at the November annual meeting, accumulate and tally all ballots and announce the results of voting. A majority of all votes cast shall be necessary to elect an officer. Board Members shall be elected by a plurality (for example the four candidates receiving the most votes shall be elected). If there is a tie vote which prevents determination of the top four, or there is no candidate for an Office who receives a majority of the votes cast, a written run-off election shall be held at that meeting until a final determination is made. All ballots shall be retained by the Secretary for a period of thirty days after the election or until all disputes involving the election have been resolved. Upon completion of the retention period the ballots shall be destroyed.

(E) DISPUTES. The judge of the election shall be the club President and in that capacity the President shall make the final determination as to resolution of issues or disputes. The President's decision may be appealed by a vote of two-thirds (2/3) of the voting members present at that meeting.

(F) VOTING MEMBERS. A voting member is a Full Member in good standing.

(G) VACANCIES. Officer or Board member vacancies occurring between annual elections shall be filled by an appointment by the President. The person filling the vacancy shall serve to the end of the term of the officer or Board member replaced.

Hopefully this will help everyone to understand our election process better. Our Nominating Committee chairman this year is Merle Handy, W7QLG, and Al, Churchill, KC7YGC, is on the committee. Each candidate will be asked to write a brief statement about themselves which will be included with the ballot to aid members in making their choices when voting. The candidates are to submit their statements *no later than October 15, 1998* to Kathleen Nace, N0EYK, Editor and Publisher of the Logger's Bark (e-mail is best as I am currently in Maine.) I encourage you to get involved and be willing to run for an office or a Board position. It is amazing how much one can learn about our club when filling an office or board position.

VOLUNTEER!

TIME TO UPGRADE ?

Watch for classes that will be starting in the fall so that you can get them added to your schedule!

RCT JACKETS AVAILABLE NOW

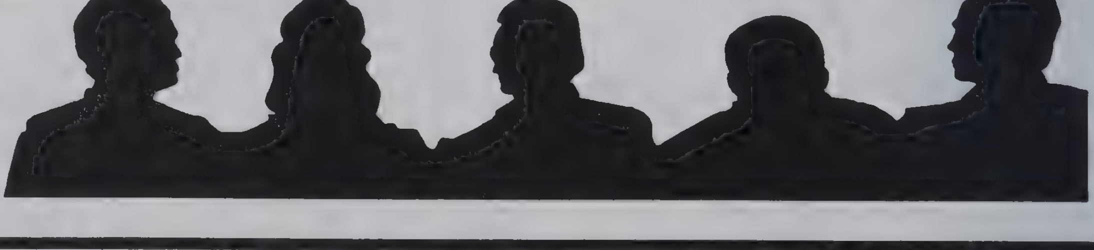
COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.

SIZES Small through XL ARE $36, XXL ARE $40 AND XXXL ARE $43.00.

GET ONE NOW!

Call Shirley, N7QHW, at 253-265-3661, to order yours today!

Make your voice count... get your comments on the FCC proposal to W7BUN



11/98

NCJ
1998

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

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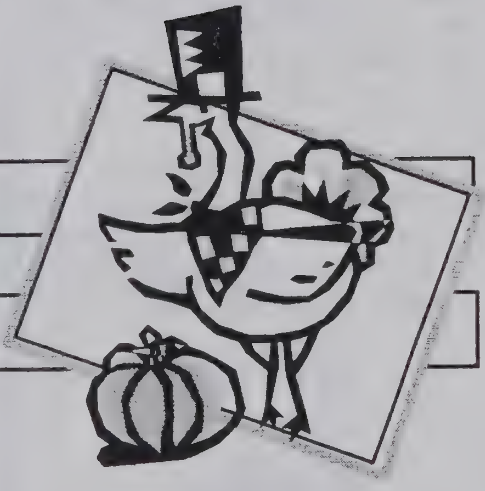
COMING EVENTS



NOV 4 - **Board Meeting** - Clubhouse, 7:30 PM - All members welcome.

NOV 7 - Pinochle Potluck, 7 PM, Clubhouse

NOV 10 - **License Exams** - 7 PM - Clubhouse

NOV 11 - Club Meeting - LAKEWOOD COMMUNITY CENTER, 7:30 PM
Program: SHOW AND TELL - Bring your favorite gadget

NOV 15 - BARK deadline

NOV 25 - Club Meeting - Library Administration Center, 7:30 PM
Program: Grounding for Antennas, Towers and Safety

NOV 26 - Blessed Thanksgiving! Enjoy family and friends!

Support OUR club - Attend meetings, volunteer, elmer.

Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events. Contest calendar - page 8. See page 3 for meeting program schedule.

HAPPY THANKSGIVING!

November 1998

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1 *DEWEY W7HF **NOVEMBER EVENTS**	2 *ART KC7RPG	3 **7:30 PM RCT NET 147.28R** *LUIS W7QS **FULL MOON**	4 **7:30 PM RCT BOARD MTG** *DEBBIE N7QPA	5 *PETER KC7IBI *RALPH KB7SWZ	6	7 **9:00 AM OPEN HOUSE** **7:00 PM PINOCHLE POTLUCK** *JOEY KB7UXC *ROBERT KA7FHM **ARRL SWEEPSTAKES-CW**
8 **ARRL SWEEPSTAKES-CW**	9 **ARRL SWEEPSTAKES-CW**	10 **7:00 PM RCT LICENSE EXAMS** **7:30 PM RCT NET 147.28R**	11 *BETTY N7OVW **RCT ELECTION RESULTS** RCT MEETING 112TH ST E & WALLER RD	12 **VETERANS DAY**	13 *CLIFTON W7MFG	14 **9:00 AM OPEN HOUSE** *JASON KC7QHL
15 **BARK DEADLINE**	16 *KEN KC7ZJC *RUTH N7WGF	17 **7:00 PM MVWS EXAMS** **VE** **7:30 PM RCT NET 147.28R** *DONALD N7OTV *FRED W9VLF	18 *WILLIE KA7NXK **NEW MOON**	19	20 *MARTHA KC7VUJ	21 **9:00 AM OPEN HOUSE** *JEFF K7JF *KATHY N7DVS **ARRL SWEEPSTAKES-PHONE**
22 **ARRL SWEEPSTAKES-PHONE**	23 **12:00 PM CLUBHOUSE LADIES PINOCHLE** **ARRL SWEEPSTAKES-PHONE**	24 **7:30 PM RCT NET 147.28R** *ALAN KB7SVU *PAUL N7EPH	25 RCT MEETING 112TH ST E & WALLER RD	26 *ANDREW W7RW *JOE WA7BLE *JOHNNY KJ7M **HAPPY THANKSGIVING**	27 *CLARENCE NU7K	28 **9:00 AM OPEN HOUSE**
29 *JACK W7IMW	30 **25 SHOPPING DAYS TILL XMAS**					

October 1998

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December 1998

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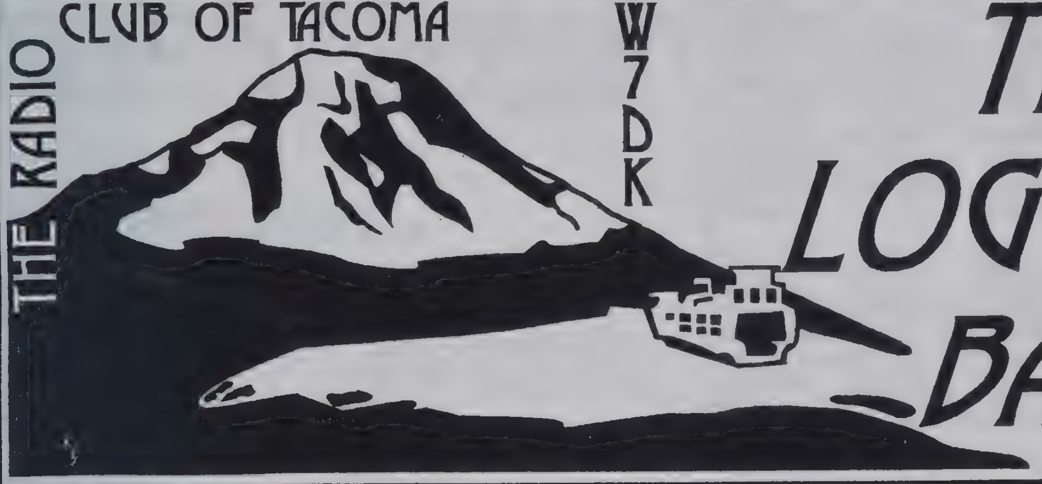
THE RADIO CLUB OF TACOMA

W7DK



THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXV NR. 11 W7DK NOVEMBER 1998

FROM THE PRESIDENT

WA7ANJ

The lazy days of a late summer didn't just fade away. They were gone in a heartbeat - only to reappear a few days later and lift out spirits. And then, do it again. Crazy mixed-up weather. El Nino - La Nina - a lot like life, band conditions, radio clubs, board meetings, elections. We only THINK they're dull and uninteresting. Oh, sure, sometimes they are, but overall, there is a number of diverse - even rapid - changes that challenge us to keep us on our toes. And, frequent challenges are what contribute to our growth. Also, they strengthen our toes. Occasionally, there comes that one event (once in a lifetime?) that will, one way or another, be a zinger! I personally can't think of a cliche to insert here, but I wanted to challenge your ability to complete this paragraph in 25 words or less! Send your answer to *kathleen@naceplace.com.* The best answer will get a one year subscription to 73 Amateur Radio Today, courtesy of yours truly! For those who don't want to enter, or (arghhh!) are not winners, we have a special rate offered for the club, 3 or more subscribers, at $20.00 per year - and the club makes a couple bucks on the deal!

Remember Twirp Week? High School in the "fabulous" 50's? For those of us with a long memory - who will admit it - November 5th is Sadie Hawkins Day. Maybe we could hold a dance. We could really rock - my rocker has a seat belt, so I can really boogie!

As you can see, I have fun with a lot of things. At least, I try. I think life provides a few bumps that can be quite serious, and I certainly don't mean to downplay that, but I also believe you can find a lot of good if - when - you are expecting it! Happy Thanksgiving!

Have FUN with Ham Radio! 73, Roger

🕮 IN THIS ISSUE...

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▶ ARRL NEWS - READ IT! - Page 6

▶ CONTEST CALENDAR - Page 5

▶ SWAP MEET SCHEDULE - Page 4

▶ VOTE!!!

RADIO CLUB OF TACOMA – 1998

PRESIDENT	ROGER TERWILLIGER	WA7ANJ	475-4293
V PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
SECRETARY	NORA SIMMONS	KC7JME	847-5124
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PUBLISHER	W7DK PRESS	N7QHW	265-3661

◆ ◆ ◆

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma
147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Frank Pritchett, AB7YZ RCT #2015
Jobina Pritchett, KD7CSN RCT #2016
3015 N Highland St #201
Tacoma WA 98407-2525 253-752-8523

Micah Barker, KD7CRK RCT #2017
6108 Milwaukee Ave E
Puyallup WA 98372-2748 253-848-1517

Al Fernandez, KA7CZB RCT #2018
406 Factory SE (PO Box 1297)
Orting WA 98360-1297 360-893-8930

Harold Fisher, W6JYV RCT #2019
6235 N Park Way Apt B
Tacoma WA 98407-2264 253-756-5090

Thomas J Sadler, KC7UFX RCT #2020
PO Box 99190
Tacoma WA 98499-0190 253-582-4700

Richard Stuart, WF7A RCT #2021
PO Box 8416
Lacey WA 98509-8416 360-456-1512
wf7a@hotmail.com

Robert S Lyons, KB7GTE RCT #2022
232 S 53rd St
Tacoma WA 98408-6506 253-472-8111

Reinstatements

Address/Phone Changes/Corrections

Harry Ball, W7HHP
7713 Zircon Dr SW
Lakewood, WA 98498-5117 253-581-8645

E-Mail Address Changes/Additions

Jerry Hathaway, K7ETU	k7etu@internetcds.com
Kathleen Nace, NØEYK	kathleen@naceplace.com
Roger Nace, K8RN	roger@naceplace.com

New Calls/Upgrades

Silent Keys

Bill Shimmin, W7GBC

COMING PROGRAMS AT RCT

NOVEMBER PROGRAMS

NOVEMBER 11TH - SHOW AND TELL

Since November 11th is a holiday, the library system will be closed and we will be meeting at the Lakewood Community Center (see notice on this page) there will be no audio-visual equipment available. So for **NOVEMBER 11TH**, the program will be **SHOW AND TELL**. Bring some device or gadget (homebrew or commercial - new or old) that you can talk about and perhaps demonstrate to the members. Everyone should be able to find some item of interest, so please do your best to make this program a success.

NOVEMBER 25TH - Grounding For Antennas, Towers, and Safety

Dr. Alan Chandler, K6RFK, from Woodinville, will show how to properly ground your equipment and tower systems for safety, how antennas work with and without grounds, the myth of the "shielded" ground connection, and grounds for mobile antennas. Dr. Chandler is Director of R, D, and E for Kalmus Engineering. Earlier, at AEA, he designed AEA's packet TNCs and Morse keyers.

CHANGE IN NOV. 11th MEETING LOCATION

General meeting is MOVED to the Lakewood Community Center, 9112 Lakewood Drive SW, Room 124, at 7:30 PM. That's South of Steilacoom Blvd., at Lakewood Drive SW. Directly at the West end of the West end of the Clover Park runway - across the street.

▶▶▶ *ADDRESS CHANGES* ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail.

Send changes to: Radio Club of Tacoma,
PO Box 11188, Tacoma, WA 98411-0188
or give them to Al,K7HW, @ 253-474-9023.

Your Ad Could Be Here!

Call, Shirley, N7QHW
at (253)265-3661 for info.

VOTE!

Make your voice heard in all coming elections!

PINOCHLE

at the Clubhouse
1249 So. Washington
1st Saturday, November 7th
Pinochle & Potluck - 7pm
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898

ARES/RACES

ARES-RACES is always in need of workers. There are leadership positions and a hospital leadership position still available. If you can help with any of the leadership positions, contact Alan, KB7SVU, at 253-840-4947 or Bob Tilley, KB7NBQ, at 253-875-0755.

For those of you who already have a card, remember, check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan or Shirley (info at the end of the article).

If you have not joined ARES/RACES and would like to, contact Alan, KB7SVU, ARES Emergency Coordinator and RACES Radio Officer at 253-840-4947 or see Shirley, N7QHW, at any Radio Club of Tacoma meeting for an application.

73, Shirley, N7QHW

VOLUNTEER TODAY!

You are needed!

REMEMBER TO

VOTE!

Happy 49th Anniversary Dick!

Love,
Edith

SCHEDULE YOUR SWAPMEET VISIT

March 1999	Mike and Key Swap, Puyallup, WA
June 4-6, 1999	SEAPAC, Seaside, OR

Radio Club of Tacoma License Exams

NOVEMBER 10, 1998

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: RCT for $6.25. For information call:
Shirley, N7QHW @ 253-265-3661

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LAW OFFICES OF
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CONTESTS

THE SKY'S THE LIMIT
WITH AMATEUR RADIO

1
High Speed Club Contest, CW

7-9
ARRL November Sweepstakes, CW.
NA Collegiate ARC Championship, CW
IPA Contest, Phone and CW
Japan International DX Contest, phone

14-15
Worked All Europe Contest, RTTY
OK/OM DX Contest
Peace Country ARC QRS Contest

21-23
ARRL November Sweepstakes, Phone.
NA Collegiate ARC Championship, phone
IARU Region 1 160-Meter Contest

28-29
CQ WW DX Contest, CW.

AMATEUR RADIO
Friendships
around the world!

◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet. Thanks, Roger, K8RN.

W7BUN

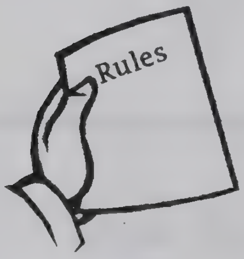
(Please get your comments and thoughts on the FCC proposal back to Jerry so he can put together the club's formal petition with the FCC by the Dec. 1st deadline. Call or e-mail him with your feelings on this proposal. His e-mail is **w7bun@wa.net** Help make our voices heard! ...editor)

FCC RENEWS AMATEUR ENFORCEMENT EMPHASIS

Things may be changing for the better on the Amateur Radio enforcement front. The FCC announced this week that all Amateur Radio-related enforcement investigation, evaluation, and processing has been transferred to the Compliance and Information Bureau. The change, effective September 1 but not announced until more than three weeks later, was made "by internal arrangement" between the CIB and the FCC's Wireless Telecommunications Bureau. The Wireless Bureau handles amateur licensing and, for the past several years, has coordinated enforcement with the CIB.

The FCC said the main objective of the change was to "facilitate the Commission's pursuit of compliance," especially in the area of resolving interference complaints, a hot-button issue within the amateur community.

"Amateur enforcement should have gotten more direct attention over the last few years," conceded Riley Hollingsworth, K4ZDH, the CIB's legal advisor for enforcement. "A lot of people think the FCC doesn't care."



Hollingsworth will be the FCC's point man in handling the complaints. He says FCC Chairman William Kennard "wants greater respect with respect to enforcement" at the FCC. Putting enforcement in the CIB's hands should mean "a much faster, more effective response," he said.

The FCC's public notice said the CIB staff now handles Amateur Radio enforcement matters "from initiation to resolution." That includes complaints, amateur testing issues, warnings, monetary penalties, revocation hearings, and "in extreme cases" equipment seizure and prosecution through the Department of Justice.

Under the new arrangement, all amateur enforcement questions and complaints should be directed to the Compliance and Information Bureau, Compliance Division, Attention: Amateur Complaints, 1919 M St, Mail Stop 1500E1, Washington, DC 20554.

The FCC also has instituted an "Amateur Enforcement Line" at 202-418-1184. The automated system prompts callers to leave a name, a number, and a brief message. The CIB will return the call within the next business day.

SPECTRUM PROTECTION BILL TREADING WATER AS CONGRESS TRIES TO ADJOURN

It appears certain that action in Congress on HR 3572--better known as the Amateur Radio Spectrum Protection Act of 1998--will be postponed at least until next year, when a new Congress will be in place. Even so, the ARRL and League members have continued to press for consideration of the measure during the current session. The bill—sponsored by Rep Michael Bilirakis of Florida—has garnered 74 cosponsors.

FCC'S NESS: ENSURE ADEQUATE SPECTRUM FOR AMATEURS

FCC Commissioner Susan Ness recently gave amateurs some cause for optimism. In remarks prepared for delivery September at the Personal Communications Industry Association of America's PCS '98 in Orlando, Florida, Ness promoted the notion that some spectrum should be kept off the auction block. The value to the public of certain spectrum uses "does not always translate into pure economic terms," Ness declared.

"For example, we need to ensure that adequate spectrum is available for public safety purposes, for unlicensed—that is, Part 15--uses, for the Amateur Service, and for experimental and scientific purposes," Ness said. "None of these needs would be met if auctions displaced judgment in the spectrum allocation process."

Addressing the topic "Blueprint for Spectrum Management," Ness said auctions work well but are not a substitute for the allocation process. The FCC, she said, must not back away from its fundamental duty to allocate "in accordance with the public interest."

APRS, SPREAD SPECTRUM HIGHLIGHT DIGITAL CONFERENCE

If developments displayed at the 17th ARRL and TAPR Digital Communications Conference were any guide, the momentum of the Automatic Position Reporting System

(APRS) continues to grow. This year's conference--held September 25-27 in Rolling Meadows, Illinois--was notable for the announcement of a new Kenwood hand-held transceiver that includes a built-in TNC with support for APRS display and messaging as well as monitoring PacketCluster DX spots. The Kenwood TH-D7A "Data Communicator" is a dual-band (144/440 MHz) unit. It's expected to be on the market by year's end.

As it was last year, spread spectrum development again was another prime topic of discussion. One key difference from last year was the presence of real spread-spectrum hardware. A large contingent from the Packet Radio Users Group (PRUG) of Japan showed up with three experimental 2.4-GHz, direct-sequence spread-spectrum PRUG96 stations. This system, which comprises radio and computer components, is being developed in Japan by PRUG. At the conference, the three units were operated as a network transferring data among themselves at about 800 kbit/s.

Another spread-spectrum radio development project is the TAPR effort, spearheaded by Tom McDermott, N5EG. McDermott reported at the Conference that the project has moved considerably forward, with much of the development of the digital hardware and the software kernel now completed. A lot of work remains to be done, however, and no specific project completion date is yet forecast.

Dewayne Hendricks, WA8DZP, reported on experimental Amateur Radio spread-spectrum networks (under TAPR's FCC-granted special authority) in the San Francisco Bay area. One system he has tried uses Part 15 wireless LAN equipment, but operates under amateur (Part 97) rules. Another uses cable modems and transverters.

These technological efforts did not escape the notice of conference keynote speaker Dale N. Hatfield, W0IFO, Chief of the FCC's Office of Engineering and Technology. He expressed pleasure and approval at seeing the kind of experimental work that amateurs are engaged in, calling such efforts vital to the future of Amateur Radio.--Jon Bloom, KE3Z

SEDSAT-1 SATELLITE READY FOR LAUNCH!

The SEDSAT-1 satellite package is scheduled to go into space later this month. It will include Amateur Radio digital packet store-and-forward and analog repeater systems. Originally set for a July launch, the SEDSAT-1 will fly as a secondary passenger along with the Jet Propulsion Laboratory's Deep Space One mission aboard a Delta II booster. SEDSAT-1 spokesman Mark Maier, KF4YGR, says the launch could occur as early as October 22.

Built at the University of Alabama's Huntsville campus, SEDSAT-1 will carry a Mode-L digital transponder as well as a Mode A analog transponder. The satellite's primary payload will provide multi-spectral remote sensing. Images will be made available via the Internet. "After many years of work, the whole team--present and past--is ready to see SEDSAT fly and work," Maier said. The satellite's name is an acronym for Students for the Exploration and Development of Space Satellite.

Maier says SEDSAT seeks help from a few experienced hams in Hawaii and the West Coast or Arizona area to get telemetry and contact as soon as possible after separation from the booster following launch. Contact Maier at maier@ece.uah.edu or Chris Bond at Chris_Bond@usa.net. For more information, visit the SEDSAT Web site, http://146.229.5.181/

RADIO CLUB OF TACOMA

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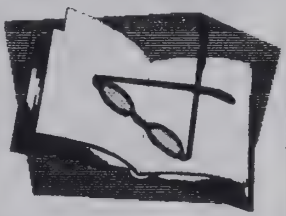
CHECK IT OUT!

RCT Web Page:
www.mashell.com/~roblee/rct.htm

Amateur Radio Exams

in the Puget Sound Region as of June 17, 1998



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Saturday - 1 PM - Boeing **Kent** Rec. Center, 22649 83rd Ave So, Room "C", - Contact Rick Antes, KF7VG, 425-277-2220, Des Moines

2nd Tuesday - 6:30 PM - **Everett** - Sno-Isle Skills Center - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 425-355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Mike Dinkelman, WA7UVJ, 253-854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 360-793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 360-652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia OH

4th Saturday - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 425-335-5258, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, 222 Columbia North - Contact John Steele, AA7WX, 360-491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652

Editor's Notes

E-Mail address:
kathleen@naceplace.com

GREETINGS FROM CHICAGO!

Here we are on our first "rest" day on our return trip to the northwest. We will do a little sight seeing and visit friends today (Oct.24). We left NH on Thurs. and have come almost 1100 miles. Only 2200 left to go! Tomorrow we will be headed west again and hope to find good weather and NO snow! Our next rest day will be in Rapid City, SD. Then back to Couer d'Alene, ID for service before returning to Puyallup. For those of you with Internet access our web page has pictures of our trip - www.naceplace.com. The fall colors were great!

PLEASE NOTE: The Naces have new e-mail addresses. They are really easy to remember!

I was sorry to hear of the passing of Bill Shimmin, W7GBC. Bill was very active in the club and was a champion in ham radio education. We will miss him.

Thanksgiving blessings! Kathleen, N0EYK

RCT JACKETS AVAILABLE NOW

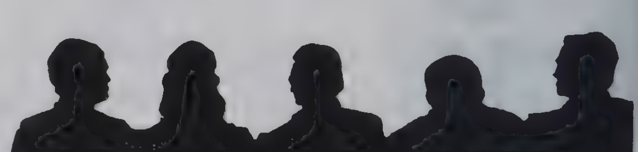
COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.

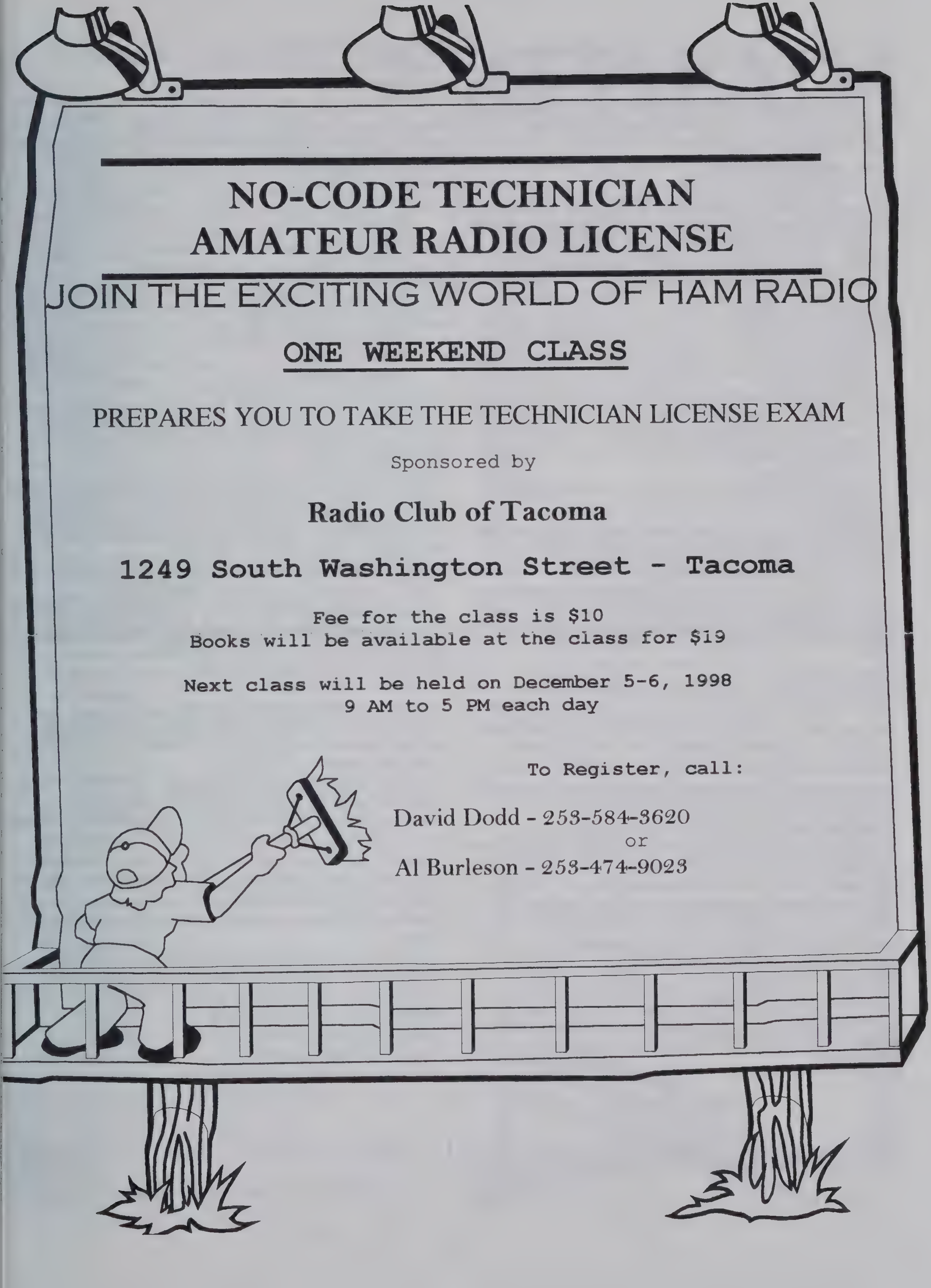
SIZES Small through XL ARE $36, XXL ARE $40 AND XXXL ARE $43.00.

GET ONE NOW!

Call Shirley, N7QHW, at 253-265-3661, to order yours today!

**Make your voice count...
get your comments
on the FCC proposal to W7BUN**





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PREPARES YOU TO TAKE THE TECHNICIAN LICENSE EXAM

Sponsored by

Radio Club of Tacoma

1249 South Washington Street - Tacoma

Fee for the class is $10
Books will be available at the class for $19

Next class will be held on December 5-6, 1998
9 AM to 5 PM each day

To Register, call:

David Dodd - 253-584-3620
or
Al Burleson - 253-474-9023

MINUTES

Radio Club Of Tacoma
Board Meeting Minutes
7 October 1998

The meeting was called to order at 7:25 PM, by the President, Roger Terwilliger, WA7ANJ. Other Board Members present were Alan, KB7SVU, Chuck, KA7HJN, Morel, W6LIX, Lou, KB7WDB, Al, K7TH, and Nora, KC7JME. Visitors present were David,WB7AUJ.

Treasurer's Report:

General Fund	292.84
Repeater Fund	180.35
Packet Fund	372.57
License Class	(82.27)
Scholarship Work Fund	700.00
Flea Market Checking	2700.00
Murphy Favre Savings	9105.91
Scholarship Memorial CD	2982.70
Cash On Hand	132.89
Total All Funds	$16467.26

Members: 413

Correspondence: E-Mail from Mary Lou Brown,NM7N. She has been elected Director for another two years of the North West Division of ARRL.

E-Mail from Rob Lee,K7TGU . He wishes his name removed as the Default from the Club's Web Page. Lou, KB7WDB agreed to use his E-Mail address for a short while.

Committees:

Training: A new No Code Tech Class will be on December 5th and 6th. There will be a four week Novice Class starting October 24th for the sixteen year age and under. For further information contact David Dodd, WB7AUJ.

ARES-RACES: Alan,KB7SVU, reported that they will have some training after the first of the year on message handling.

New Business: Electrical work for the Club was discussed and it was decided to contact three electrical contractors and get a bid for the work. A motion was made by Alan,KB7SVU, and seconded by Chuck,KA7HJN, to bring the matter of electrical work needed at the clubhouse to the membership for a vote for the cost not to exceed $3,000.00. The motion was passed.

The meeting was adjourned at 8:25 PM.

Respectfully submitted,
Nora Simmons, KC7JME,
Secretary
Roger Terwilliger, WA7ANJ,
President

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO
CONTINUE RECEIVING YOUR BARK

Radio Club of Tacoma
General Membership Meeting
14 October 1998

The meeting was called to order at 7:30 PM by the President, Roger Terwilliger,WA7ANJ. The flag salute was led by Mick Pier,KC7TVM, and was followed by the introduction of everyone present.

Treasurer's Report:

General Fund	292.84
Repeater Fund	180.35
Packet Fund	372.57
License Class	(82.27)
Scholarship Work Fund	700.00
Flea Market Checking	2700.00
Murphy Favre Savings	9105.91
Scholarship Memorial CD	2982.70
Cash On Hand	132.89
Total All Funds	$16467.25

Members Year To Date: 413

Program: The Morse Code. How to Listen Ahead, Write Behind, and Build A Buffer. It was presented by Bill Balzarinni, KL7BB.

Committees:

AERES-RACES: Alan,KB7SVU said he planned on some training beginning after the first of the year. University Place and Fife School District has asked for help in getting ready for emergency situations.

ARRL: Jerry,W7BUN needs comments from members on the FCC restructuring of the License Classes.

Nominating Committee: Merle Handy, W7QLG reported the following people are running for office.
President: Roger Terwilliger, WA7ANJ
Vice Pres: Alan Hughes, KB7SVU
Treasurer: Chuck Souter, KA7HJN
Secretary: Nora Simmons, KC7JME
Board Members: Morel Guyot, W6LIX, Worth Gurley, W7WG, Merle Handy, W7QLG, David Dodd, WB7AUJ and George Noble, KK7FM.

Election Committee: Shirley Murphy, N7QHW, Tressie Hughes, KC7BAL, and Lou Simmons, KB7WDB.

Training: David Dodd, WB7AUJ reported he had a class of 19 and 12 passed the license exam. The next Tech Class will be December 5 and 6. A Novice Class for 16 years of age and younger starts October 24 and runs for four weeks on Saturdays.

Jerry, W7BUN needs more people to sign up for his Extra Class.

Flea Market: Alan,KB7SVU, and Roger,WA7ANJ, passed out Certificates of appreciation to people who worked at the Flea Market.

Meeting adjourned at 9:15 PM.

Respectfully submitted,
Nora Simmons, KC7JME
Secretary, Radio Club Of Tacoma

THANKS FOR "DOING THE PUYALLUP" IN 1998

It was a busy 2 1/2 weeks but how much easier it was because of all you great volunteers that kept the Fair Booth staffed for all the shifts. We had all shifts covered by the time the Fair started. The number of shifts covered by all of you numbered 102. It was also greatly appreciated that the changes needed to keep the booth covered was almost none. I think only one shift had to be covered and it was covered by the original person so I consider that a 100% attendance record by those who volunteered. That is worth a huge THANK YOU to each of you for being there.

A big thanks also to Dick, KB6PWR, Edith, KB7KSY, Roger, K8RN, and Kathleen, NØEYK for all of their help in getting the booth ready for the fair. Many, many compliments were expressed by club members as well as the public on how nice the booth was. Dick and Edith helped share the Chairmanship of the Fair Booth as well as staffing the booth for many shifts. They also were instrumental in getting the booth set up for the fair as well as being responsible for seeing the booth was taken apart and left in good condition for when we return next year. Dick and Roger also went to Icom to pick up the radios. Good work and thanks a bunch to each of you!

A big thanks also to Jerry, W7BUN, who readily volunteered to organize the traffic handlers for our fair traffic. It has been a popular activity for the public and we sure appreciate the amateurs who helped out with this part of our fair activity.

I don't have the final totals for messages handled and numbers of hams that signed our log, but I 'd say it was indeed a successful year.

So THANKS to the following for staffing the booth and working so well with the public: Phil, W7PFZ, Marv, KC7JKA, Carl, N7UDP, Roger, K8RN, John, N7JFM, Dick, KB6PWR, Edith, KB7KSY, Ed, KC7OKS, Lorraine, KA7WGG, Jim, KC7SYT, Lois, KC7SYU, Jill, KC7PSQ, Bob, KG7SM, Ruth, N7WGF, Bob, W7SKI, Don, W7DON, Lou, KB7WDB, Nora, KC7JME, Al, K7HW, Hal, W7EC, Dan, N7QWH, Art, AA7EO, Chuck, KA7HJN, Jean, KB7SVX, Gene, W7EOF, Blanche Tice, AJ, KC7OKV, Mick, KC7TVM, Dawn, KC7VZM Sally, KB7PKJ, John, KC7FGG, Dick, KG7WF, Worth, W7WG, Morel, W6LIX, Dennis, KA7IIV, Dick, N7RHV, Wendy, KC7VUO, Gary, N7GWC, Dan, KC7KAN, Shelley, W7ATB, Al, K7AEF, Al, KC7YGC, Bret, KC7YEQ, John, KD7ANH, Norm, KC7DCN, Tom, N7QHX, Dan, N7LSO, Frank, KC7YEF, Steve, KB7YCJ, John, KC7ZQY, Ed, KC7OKS, Bob, KD7IBU, Stan, N7KMF, Nana, N7OIX.

Thanks to all the traffic handlers: Cal, W7SFT, Bill, KI7YK, Don, K7QLC, Tom, W7PK, Jerry, W7BUN, Keith, KB7NVW, Val, N7VGO, Norman, N7ILQ, Shirley, N7QHW, Harold, WA7CTS, Phil, KD7ME, and Bob, N7LBO.

And when the fun is all over and the work is still to be done. A great big thanks to Dick, KB6PWR; and Edith, KB7KSY for breaking down the booth, returning the radios to Icom and equipment to the radio club and completing the project. We couldn't do it without all of the persons who volunteer.

Many of the fair booth persons as well as the traffic handlers did multiple shifts or times for handling traffic and it was greatly appreciated. Thanks again and don't forget to help out again next year when we "DO THE PUYALLUP". Thanks one and all!! 73 Shirley, N7QHW

(Thank you too Shirley!!! Editor)

CONGRATULATIONS!

These new calls have possibly been heard on the repeater. These folks took the October class and received their calls 1 week (yes, that was 1 week!!!) after the testing!!! Congratulations!

KD7CZI	Don Bingham
KD7CZJ	Mike Bingham
KD7CZK	Gil Brown
KD7CZL	Chris Devine
KD7CZM	Jim Elder
KD7CZN	Jerry Julian
KD7CZO	Mark Mattson
KD7CZP	Jack McCafferty
KD7CZQ	Hal Palmer
KD7CZR	Florence Tosch

Michael Kammer, KA3KIO, up-graded from Novice to Technician

Thanks to David Dodd, WB7AUJ, for reporting this.

TIME TO UPGRADE?

EXTRA CLASS WORKSHOP

Want to get that extra class theory under your belt? Jerry's workshop can help you do it with a minimum of pain. Call Jerry, W7BUN, at 253-845-7652. He is looking for a few more interested folks to make the workshop viable. Call today!

NEWS FROM OUR SAILING HAMS!

101398

Hello radioland from XE2 KB7PCT on board "Circe" in sunny Baja, Mexico. Sounds like cool fall has arrived in the PNW. Hard to imagine when we're still sweating/enjoying 90+ temps. By the way, the "XE2" is the prefix assigned with my Mexican provisional license. We must use that as well as our location as part of our call sign. Mexico is very friendly to U.S. hams. All you need is a Novice or Tech and you have all the General band privileges. However, as soon as you're 12 miles away from shore you revert back to U.S. requirements. So if you're planning to operate in Mexico, perhaps crossing the Sea of Cortez to the mainland, it's still a good idea to have your General ticket. Of course you can always use the radio in case of emergency but it's sure nice to be able to communicate with other cruisers and share weather information, etc.

Stef and I were home briefly in September. Didn't have nearly enough time to call everyone and see as many as we would have liked. Next time, I guess. Since we've been back in Mexico I haven't been able to reach Mac, W6NBD. Perhaps he's given up on me. Hope not, for each morning we look forward to talking with him and hearing what's happening back in the states. Guess I'll cc Worth, W7WG, and he can let Mac know we're back on the radio. When we were in LaPaz, I couldn't talk or receive anyone. Don't know what it is but perhaps it's all those masts next to each other but the propagation is terrible.

We took the time to do a little annual maintenance and had the boat hauled out in LaPaz. They have this really big tractor and trailer that they lower into the water under the boat. Then they hydraulically lift big pads up under the hull. If all looks right, they raise the boat up enough to clear the bottom and then pull it on out with the tractor. Pretty amazing to see our 40', 15+ ton boat with mast in riding up the launching ramp. We rode on the boat both coming out and going back in--I'll bet you'd never be able to do that in the states! After we were out, they propped us up with big jacks and immediately began preparing the bottom. There were 5 or 6 Mexicans working and by day's end they had the bottom ready to paint. They do all the work by hand, no power tools. They put two coats on the next day and even moved the pads and painted under them and back in the water the following day. This particular yard charges you a daily fee to do your own work so by paying a little bit more we were able to hav them do everything. We even stayed on the boat in the yard and that made it easy to keep an eye on their progress.

So now we're headed back up into the Sea of Cortez again to enjoy the beautiful scenery for a few weeks. The red mountains are full of lush green growth from all the rain of Hurricane Isis. I don't think I told you about the Hurricane threat. Fortunately we were tied to the dock in LaPaz but took a lot of precautions as it was predicted to go right over us. We took everything off the boat and put it down below except the mainsail. Then we tied the boat to various parts of the dock with 24 lines. As it turned out, the hurricane turned and we only got about 35 knot winds in the marina and some surge. The only damage was to one end float where a large power boat crushed the dock. The real damage was from all the rain and wash down from the mountains. Both roads from LaPaz down the Baja to Cabo and San Jose were washed out and closed for several days. This was at the same time we were due to fly out of Cabo so it was quite challenging to get down there. We ended up catching a ride on a van that was deermined to pick up their charterers at the airport. We drove through rivers and on little makeshift dirt roads skirting the washed out hiway. I think/hope we're nearing the end of the hurricane threats--officially hurricane season is over the end of November.

We'll be thinking of you and those cool N.W. days down here in sunny Baja. Best regards, KB7PCT, Marilyn on board "Circe."

12/98

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

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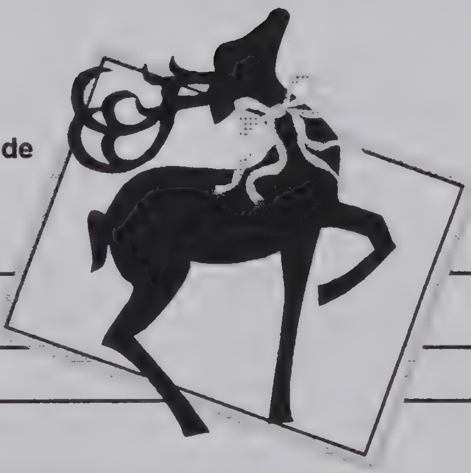
COMING EVENTS



DEC 2 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

DEC 4 - Christmas Party - TACID Building, 6:15-9:15 PM More info inside

DEC 5 - Pinochle Potluck, 7 PM, Clubhouse

DEC 8 - License Exams - 7 PM - Clubhouse

DEC 9 - Club Meeting - Library Administration Center, 7:30 PM
Program: What about high SWRs? Gain?, Jerry, W7BUN

DEC 15 - BARK deadline

DEC 23 - Club Meeting CANCELED. Enjoy Christmas with family and friends.

DEC 25 - Blessed Christmas! Rejoice!

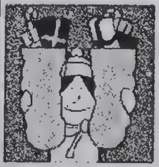
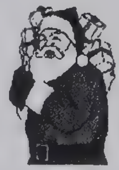
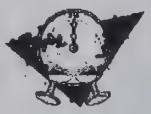
Support OUR club - Attend meetings, volunteer, elmer.

Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events. Contest calendar - page 8. See page 3 for meeting program schedule.

MERRY CHRISTMAS!

December 1998

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 7:30 PM RCT NET 147.28R *ALVIN KA7BRT	2 7:30 PM RCT BOARD MTG *GORDON K7LAU	3 *HAL W7EC *ROBERT N7TLV FULL MOON	4 *DUSTIN KC7EFA *JOSEPH KC7FF *THOMAS KE7SW	5 9:00 AM OPEN HOUSE 7:00 PM PINOCHLE POTLUCK *RICH NE7T *ROY K7OGL
6 *FRANK KC7YEF *MIKE KB7VNT *MIKE KB7VNT	7  20 SHOPPING DAYS LEFT	8 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R	9 *A J KC7OKV RCT MEETING 12TH ST E & WALLER RD	10	11	12 9:00 AM OPEN HOUSE
13	14 *BILL KJ7KT BARK DEADLINE	15 7:00 PM MVWS VE EXAMS 7:30 PM RCT NET 147.28R *ED KC7FLR *JACK WA7ENB *MEL N7FIR	16 *BOB WB7QCS *DANNY W7TEL *JERRY W7BUN *KEN KB7UXT *ROBERT KC7PLH	17 *REX W7NP	18 *DOUG AJ7Y *KEN KC7UHG *ROBERT KC8AZ NEW MOON	19 9:00 AM OPEN HOUSE *JASON KA2YMZ *JESSIE KC7QKY *MARILYN KB7PCT
20 *GLENN KC7IBV	21	22 7:30 PM RCT NET 147.28R	23 7:30 PM NO RCT MEETING TONIGHT *DAVID WB7AUJ	24  YOU BETTER BE GOOD	25 *JOHN(MAC) W7MSR *RIC N7UFB MERRY XMAS	26 9:00 AM OPEN HOUSE *ZAC KC7AZO
27	28 12:00 PM CLUBHOUSE LADIES PINOCHLE *BILL W7IJ *CHUCK KA7HJN	29 7:30 PM RCT NET 147.28R *JAMES KF7FB	30 *FRANK W7DWW	31  TO A GREAT 1999		

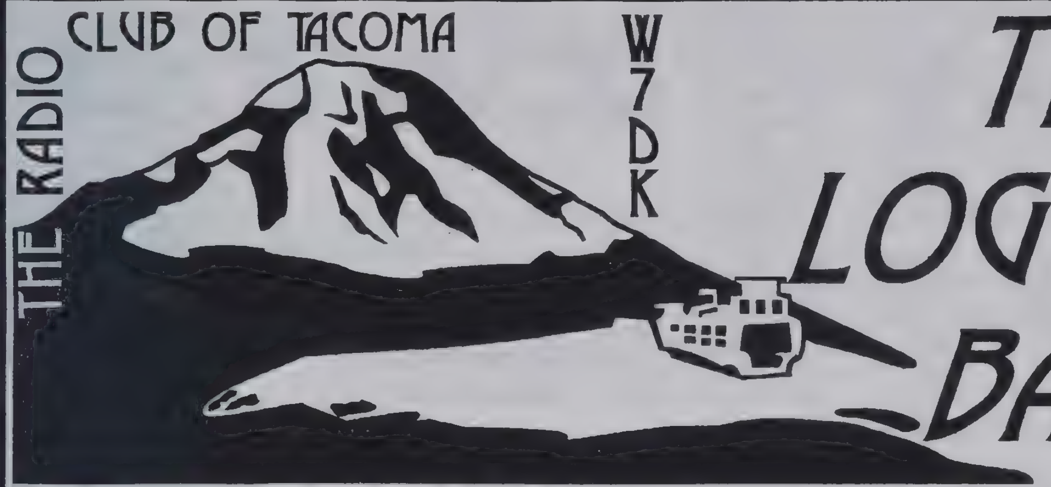
November 1998

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

January 1999

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

* HAPPY BIRTHDAY


THE RADIO CLUB OF TACOMA
W7DK

THE LOGGER'S BARK

VOL. XXXV NR. 12 W7DK DECEMBER 1998

FROM THE PRESIDENT

WA7ANJ

The end of the year! I say again, how time passes when you're having FUN! Christmas! When I was a kid - (and I'm STILL a kid) - it took FOREVER for Santa to visit. Now, it's always "just around the corner".

This hasn't been a bad year for the Radio Club. There were some bumps in the road, and more events could have been pursued. More activities. Maybe a money-raiser in addition to the flea market. Next year will be great. Count on it!

One subject that keeps coming up is money. The Radio Club has a budget that projects expenses against income and contingencies, such as training, scholarships, and projects that enhance the growth of Ham Radio. Ideally, the money and the calendar would hit the finish line at the same time. This is not always the case for us, and the result is usually a ding in the savings account to "balance the budget". I'm not sure this is what we had in mind when we became a "non-profit" corporation. And, unlike some entities that can juggle accounts to make things look "good", we have to work with cold hard cash. Our "bottom line" is not just a figure of speech, it's a brutal reality.

I use this explanatory route to get to the subject of dues for next year. Fiscal responsibility requires the following schedule, effective Jan 1, 1999:

Full Membership $30.00 per year.

Family Member $15.00 per year, each, first two; over two, no charge.

Student Membership $15.00 per year.

Senior Membership $25.00 per year.

There is only one way that I can see to lower the "net" effect of this increase, and that is to find viable ways to raise income. Some considerations may be: sell the clubhouse; dinner at Stortini's; hold a "car wash"; pursue grants; man the rest-stops with coffee and cookies; sell Christmas trees; fireworks stands. Each of these have plus and minuses, and I'm sure you can think of others. One thought keeps coming to mind: Raffles - at the monthly meetings. Something of value, BY members, FOR members. But it takes participation to make things happen. If things don't "happen", the dues will continue to rise, perhaps membership will dwindle, and we could wind up being the wealthiest, smallest radio club in the country! With YOUR help, I'm certain this will NOT happen on my watch.

Have FUN with Ham Radio! 73, Roger

🕮 IN THIS ISSUE...

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▶ **ARRL NEWS - READ IT!** - Page 9

▶**DEC. CONTEST CALENDAR** - Page 5

▶**DUES AND BADGES** - Page 7

▶ **HAPPY HOLIDAYS!!!**

RADIO CLUB OF TACOMA – 1998

PRESIDENT	ROGER TERWILLIGER	WA7ANJ	475-4293
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TREASURER	SHIRLEY MURPHY	N7QHW	265-3661
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	MIKE CRAWFORD	WB7DFQ	531-4789
	MOREL GUYOT	W6LIX	838-5433
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PUBLISHER	W7DK PRESS	N7QHW	265-3661

❖ ❖ ❖

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $20.00 per calendar year. Family Members of the same household will pay $4.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($10.00). Membership fee for Senior Citizens (65 and over) is $16.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma
147.28 / .88 MHz　　144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Ray Winter, KD7CZS　　RCT # 2023
PO Box 99338
Tacoma WA 98499-0338　　253-536-0514
E-mail: rlw@aaawa.com

Reinstatements

Address/Phone Changes/Corrections

Kathy Bena, N7DVS
PO Box 3129
Port Angeles WA 98362-0340

Harold Parkinson, KA7RNL
Wilma Parkinson, No Call
10420 Gravelly Lake Dr SW Apt 215
Lakewood WA 98499-5046

Robert J Powers, KB7TQA
12309 Tatoosh Rd E
Puyallup WA 98374-5986

E-Mail Address Changes/Additions

Jerry Hathaway, K7ETU	k7etu@internetcds.com
Kathleen Nace, NØEYK	kathleen@naceplace.com
Roger Nace, K8RN	roger@naceplace.com
Nace web page	www.naceplace.com
Mark Weitzenhoffer,KC7FAA	weitzenhoffer@msn.com
Chuck Souter, KA7HJN	crsouter@earthlink.net

New Calls/Upgrades

Danny Hermosillo was KC7CUQ and is now W7TEL
Bud Mitze was KC7AVT and is now K7BUD

Silent Keys

Harold Sanders, KA7MZA
William "Bill" Belsky, KA7BOQ
Dick Prout, W7VIC

COMING PROGRAMS AT RCT

DECEMBER 9th

SHOULD YOU BE CONCERNED ABOUT HIGH SWR? WHAT ABOUT GAIN?

Jerry, W7BUN, will present the truth about the myth that high SWR on your antenna causes a great loss of your RF signal. The losses in common feedlines will be discussed and shown to be usually insignificant. Since three out of four antenna manufacturers normally don't give you honest information in their advertisements, you'll learn how to tell the lies from the true facts.

DECEMBER 23rd

Due to the date being close to Christmas, this meeting has been CANCELED by the Board of Directors.

Thank You!

To the wonderful people who sent such beautiful cards, called us and extended their offer of help for the untimely loss of our son Patrick, we thank you from the bottom of our hearts. At times like this, it is comforting to know that many peoples' prayers and thoughts are with us. Again, Terry & I thank you all for being with us in our grief. God bless each and every one of you. Thanks again.

-73-

Dan, N7QWH, & Terry Kelly

▶▶▶ *ADDRESS CHANGES* ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail.

Send changes to: Radio Club of Tacoma,
PO Box 11188, Tacoma, WA 98411-0188
or give them to Shirley, N7QHW, @ 253-265-3661.

Your Ad Could Be Here!

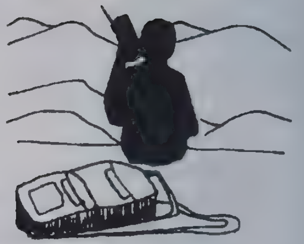
Call, Shirley, N7QHW
at (253)265-3661 for info.

December 23rd Regular Meeting Canceled

PINOCHLE

at the Clubhouse
1249 So. Washington
1st Saturday, December 5th
Pinochle & Potluck - 7pm
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898

ARES/RACES



I received this reminder as an e-mail from the person listed who is the chairman of the Peninsula Emergency Preparedness Committee and though it an appropriate reminder to share with you. I have always changed those battery-operated things when the time changes but not the other items so just some food for thought. I got this too late for the time change as far getting it in the Bark so that is why it is a month late.

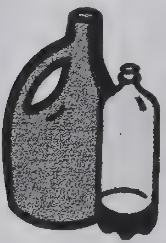
N7QHW

CHANGE MORE THAN YOUR CLOCKS

By Jo Anne Gray, PEP-C

Change is in the wind, in the weather, and in the length of the day. Next Saturday night we change our clocks back to standard time. But this twice-a-year exercise is also a good reminder to change other things as well. You've been told to change or check your smoke alarm batteries at this time. Well, add a few more changes to your list.

Change your emergency water supply you have stored. All water except the 5-year pouches should be changed and replaced every six months no matter what the source. Your outside barrels should be rinsed with 1/4 cup of bleach in 2 gallons of water, swished around and poured into the next container to clean it. Refill with clean water, add bleach in the proper amount, leaving head space for possible freezing, and re-close. Same goes with your 2-liter bottles in storage in your garage or shed, and in your cars. Your car kits include emergency food and water for 3 days, right? 1 or 2-liter bottles fit well under seats (held in place with bungee cords), in stowage compartments in vans, and in spare tire compartments. You can fit them into your garage fridge freezer to increase efficiency and provide ice for power failures. Peninsula Light is selling emergency survival kits at their cost! Get one from their lobby and add it to your light bill.



You are rotating your emergency food supply as you purchase new items but this is a good time to recheck it and be sure items with expiration dates are used soon. Again, the same goes for your car kit and office kit. Except for long-life specialty items like MRE's and 2400 Calorie food bars, your emergency food should be primarily foods your family likes to eat so using them up in rotation should be easy. Remember to rotate your emergency pet food also.

While you're at it, check your first aid supplies. Some items like hydrogen peroxide deteriorate, as do some bandages (they fall apart into powder). Check for any medications or supplies that expire in potency. You should be rotating your prescription medications as you purchase them. But now is a good time to take inventory and be sure your emergency supplies are fresh. One of the biggest needs after recent disasters was prescription medications and glasses.

Update your emergency information everyone in your family carries. Have your work phone numbers changed? Do you have a new cell phone or pager number? Is your out-of-area emergency contact on board with all the changes and does everyone have current info to reach your contact person? Has someone bought a new car? Do you have your kids' auto descriptions and license numbers if you need to search for them? How about current pictures?

Now is also a good time to update your household inventory and insurance information you keep in your safe-deposit box or freezer. You will need this information in case of a loss.

The change of seasons is a reminder to be sure your car kits have warm clothes (that still fit) in case you get stuck somewhere on the road.

Next time you look out and smile at the Oregon Juncos pu-pu-pu-ing their happy way among the shrubbery, thank them for this reminder to be prepared for whatever comes our way.

Preparedness is an act of love. Prepare because you care. There are leadership positions leadership position still available. If you can help with any of the leadership positions, contact Alan, KB7SVU, at 253-840-4947 or Bob Tilley, KB7NBQ, at 253-875-0755.

For those of you who already have a card, remember, check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan or Shirley (info at the end of the article).

If you have not joined ARES/RACES and would like to, contact Alan, KB7SVU, ARES Emergency Coordinator and RACES Radio Officer at 253-840-4947 or see Shirley, N7QHW, at any Radio Club of Tacoma meeting for an application.

73, Shirley, N7QHW

Radio Club of Tacoma License Exams

DECEMBER 8, 1998

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: RCT for $6.25. For information call:
Shirley, N7QHW @ 253-265-3661

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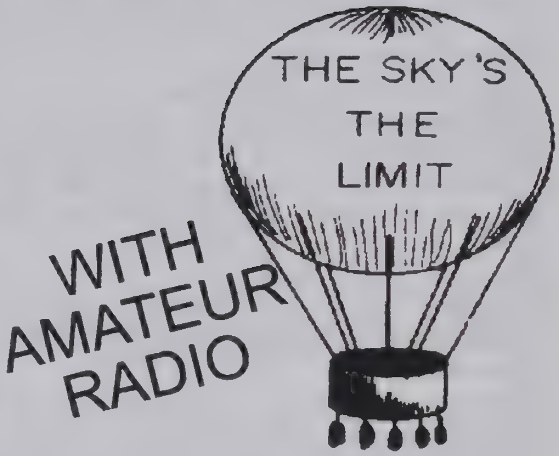
CHRISTMAS POTLUCK

December 4, 1998
6:15 - 9:15 PM
at the TACID Building.

Bring your favorite dish, with a little to share, and your friend, family, etc.
We're gonna have a GREAT time!"

Happy Holidays!

CONTESTS



4-6
ARRL 160-Meter Contest

12-13
ARRL 10-Meter Contest

STAY TUNED FOR NEXT YEAR'S EVENTS!

Jan 1, 1999
Straight Key Night

AMATEUR RADIO
Friendships around the world!

MINUTES

Radio Club Of Tacoma
General Membership Meeting
28 October 1998

The meeting was called to order at 7:30 PM by the President, Roger Terwilliger, WA7ANJ. The flag salute was led by Danny, W7TEL, and was followed by the introduction of everyone present.

Members Year To Date: 420

Program: Harry Lewis, W7JWJ, presented The Total Package For Learning Morse Code.

Committees:

Training: Novice Class in progress. The next Tech. Class on Dec. 5 and 6.

ARES-RACES: It is looking for volunteers to run for office.

Good Of The Order:

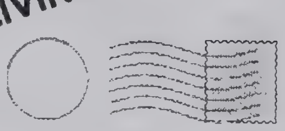
Roger, WA7ANJ, is checking out places for the club's Christmas get together. He will let us know soon.

Orders for club jackets are being taken, contact Shirley, N7QHW.

Meeting was adjourned at 9:15 PM.

Respectfully submitted,
Nora A. Simmons, KC7JME, Secretary

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO
CONTINUE RECEIVING YOUR BARK



Radio Club Of Tacoma
Board Meeting Minutes
4 November 1998

The meeting was called to order by the President, Roger Terwilliger, WA7ANJ. Board members present were Al, K7TH, Morel, W6LIX, Lou, KB7WDB, Shirley, N7QHW, Alan, KB7SVU, Chuck, KA7HJN, and Nora, KC7JME. Guests present were Merle Handy, W7QLG and Ray Pederson, W7KFN.

Treasurer's Report:

General Fund		$ 486.74
Repeater Fund		180.35
Packet Fund		311.54
License Class		8.70
Scholarship Working	(included in savings -	700.00)
Flea Market Checking		2700.00
WM Financial Services		8427.50
Scholarship Memorial CD		2982.70
Cash On Hand		25.73
Total All Funds		$15,610.00

Members Year To Date: 421

Committee Reports:

The Christmas get-together will be at the TACID Building or the Lakewood Community Center. Roger, WA7ANJ, will let us know where and when as soon as a place is secured.

Old Business:

A plaque for the classroom, in remembrance of Bill Shimmin,W7GBC, is in the process of being completed.

Elmer Board: Contact Jerry,W7BUN to see if it can be completed in thirty days.

Dues: An increase will go into effect on 1 January 1999. The fees will be:

Full Membership	$30.00
Family Member (first two)	$15.00
Senior	$25.00
Associate	$30.00
Student	$15.00

The motion for the increase was made by Chuck, KA7HJN, and seconded by Al,K7HW. The motion passed. Badges will cost $9.00 after Jan. 1.

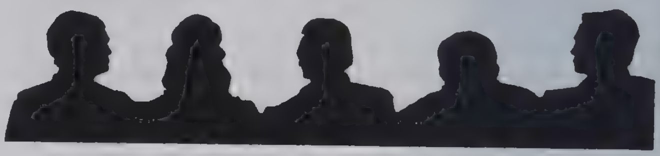
New Business: The Long Range Planning Committee's goals are: Emergency Communications, facilities, electrical work needed at clubhouse, and having the copier fixed. Also getting new members.

For The Good Of The Order:

The December 23rd meeting has been canceled.

Meeting was adjourned at 9:05 PM

Respectfully submitted,
Nora A. Simmons, KC7JME, Secretary
Roger Terwilliger, WA7ANJ, President



Radio Club Of Tacoma
General Membership Meeting
11 November 1998

The meeting was called to order at 7:30 PM by the President Roger Terwilliger, WA7ANJ. The flag salute was led by Lou Metz, KC7VUM, and was followed by the introduction of everyone present.

Members Year To Date: 421

Program: Show And Tell: Club members presented different items either they made or bought. It was an interesting program.

Committees:

ARES: A meeting is being held on 21 November 1998 at Thun Field for an election of officers.

Election: The Ballots were counted by Tressie, KC7BAL, Shirley, N7QHW, and Lou, KB7WDB. The results are:

President: Roger, WA7ANJ
Vice President: Alan, KB7SVU
Treasurer: Chuck, KA7HJN
Secretary: Nora, KC7JME
Board Members: Worth Gurley, W7WG, Morel Guyot, W6LIX, George Noble, KK7FM, Ed Root, KC7OKS, and David Dodd, WB7AUJ.

For The Good Of The Order:
Please get your comments to Jerry, W7BUN, about the restructuring of the license classification and changing of the code requirements before December 1st.
Some ways to raise money for the club were suggested.
1. Coffee and cookies at roadside rest areas.
2. A spaghetti dinner at Momma Stortini's Restaurant
3. Buy a raffle ticket for a dollar and the number drawn gets to draw a marble out of a bag. The person drawing a white marble gets half of the money collected and the rest goes to the club.
Club dues will be increased effective on the first of January 1999.
The RCT Christmas get together is tentatively scheduled for Dec.4, 1998 at the TACID Building from 6:15 PM till 9:15 PM. Contact Roger,WA7ANJ, for further details.
Silent Key: Harold K. Sanders,KA7MZA
The meeting was adjourned at 9 PM
Respectfully submitted,
Nora A. Simmons, KC7JME, Secretary

SHOW & TELL

A REPORT

If you weren't at the Nov. 11 meeting in Lakewood, you missed a GREAT "Show & Tell". I'm not certain who had the most fun, but a good time was had by all. There were exhibits or demonstrations on a screwdriver-driven tunable mobile HF antenna; a variety of home - brew test equipment; a dual band "plumber's delight" copper-tubing antenna; an Automatic antenna tuner; a noise bridge for tuning up "off the air"; a "radio controlled" clock that is updated by GPS Satellites; a couple of Antenna Analyzers; directional VHF antennas; a Morse keyer or two; how-to-use a 40 foot florescent light for an rf-out indicator ... (OK, it was only eight feet long, but the way "someone" was chasing me around with it ... "Hold this, Rog - it won't hurt ...") - the tube was really used to show the output of the antique radio transmitter being demonstrated. And a contribution from Richard, WF7A, to the club: a Morse keyboard keyer interface! (And you thought Morse would go away! Tsk!)

A visitor, Eric, was the eventual recipient of the raffled dual-band antenna. He is interested in getting a license, and perhaps joining the club. He's off to a good start!

The participants in the program were: Jerry, W7BUN; Al, KC7YGC; Hal, W7EC; Bob, KG7SM; Ben, K6VBC; George, KK7FM; Bob, WB7QCS; Morel, W6LIX; Worth, W7WG; Jean, KB7SVX; Richard, W7FA; Mac, W6NBD; Merle, W7QLG; Danny, W7TEL; Ed, KC7OKS; and Roger, WA7ANJ.

There was a lot of talent, experience and entertainment - some of which was even intentional - on display! Is this a great club, or what??

Thanks, Guys! You make it all happen, and I appreciate your participation!

Roger, WA7ANJ

Have you been putting off buying that radio club badge?
Do you have a new call sign?

BUY YOUR NAME BADGE NOW!!

As of January 1, 1999, the cost of our Radio Club of Tacoma name badges will increase by $1.00. Badges will be $9.00.

The current price of $8.00 will be effective through December 31, 1998. So if you want a badge or need a new one, get it before the end of the year!

DUES INCREASING

At the November Board of Directors meeting, I presented to the Board a recommendation for increasing the radio club dues because our expenses have increased to the point that we are using our savings to manage the club. The Board felt that our dues should cover the regular maintenance of the club and our savings should be for the bigger and unplanned expenses like new roofs, equipment, etc.

As a result, effective January 1, 1999, the dues structure will be as follows:

FULL	$30.00
FAMILY	$15.00

for the first two family members. Any more than the first two are at no additional charge.

SENIOR	$25.00
ASSOCIATE	$30.00
STUDENT	one half of Full rate
LIFE	20 times your current rate of dues

All dues paid by December 31, 1998 will continue to be at the current rate.

Shirley, N7QHW, Treasurer, Radio Club of Tacoma

William R. Shimmin, W7GBC

Bill left us on October 13, 1998 following a valiant battle with his cancer. Throughout these times, Bill continued to be positive and an inspiration to those who so staunchly supported him through those rough days, weeks, and months.

He left behind his wife, Mary Lee; children, Laura, Robert and James; grandchildren, Leah, Clare, Cameron, and Kayley. He also left behind many good friends in the Radio Club and a legacy of being one fine instructor and mentor for new amateurs.

Bill always had a smile on his face no matter what the circumstance. He loved the teaching part of amateur radio and then watching the excitement in the eyes and faces of his students when they passed their license exams. Bill was forward thinking and organized the weekend Tech Class. This method of teaching met with resounding success and the Radio Club thanks Bill for putting us in the forefront once again in bringing new amateurs to our ranks.

Bill also was a Volunteer Examiner for ARRL with the Radio Club and W5YI with the Maple Valley Wireless Society. He was always there, even arranged his vacations around these schedules so he wouldn't miss.

As Vice President of the club and also as a Board Member, Bill participated in all events at some level. Again his smiling face was always a welcome sight.

In Bill's honor, the Board of Directors is putting together a plaque which will be placed on the door of the classroom. The classroom will be known as the William R Shimmin, W7GBC, Memorial Classroom.

He will be missed by many but I am sure he is in a more pleasant place now. Godspeed and thanks for sharing a part of your life with your friends in the Radio Club. We wish you a fond farewell.

Shirley, N7QHW

SUPPORT YOUR CLUB

RADIO CLUB OF TACOMA

W7DK

ARRL
RADIO CLUB OF TACOMA
W7DK

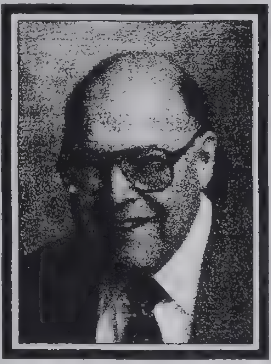
CHECK IT OUT!

RCT Web Page:
www.mashell.com/~roblee/rct.htm

News from the ARRL

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.



W7BUN

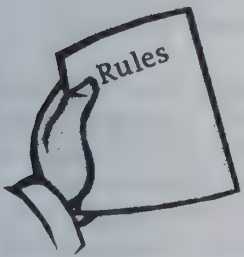
ARRL BOARD OF DIRECTORS MEETING

The ARRL Board of Directors met in a special session on October 24 in St Louis. The agenda contained a single item: to consider the League's response to the FCC's August Notice of Proposed Rulemaking, WT Docket 98-143.

Among other things, the FCC has proposed elimination of the Novice and Tech Plus tickets and a reduction from six to four license classes. The FCC also invited comments on a number of other issues, including Morse code testing requirements.

The Board of Directors reaffirmed the bulk of its July 1998 Amateur Radio License Restructuring plan with some modifications. Among other things, the Board's July plan would eliminate the Novice and Tech Plus license classes. To provide a logical entry path to HF for Technicians, the Board now has suggested offering CW privileges to Technicians in the current General CW allocations on 80 through 10 meters. Technicians would be permitted up to 200 W PEP.

The July plan "eliminated the HF door by eliminating the Novice license" observed ARRL Executive Vice President David Sumner, K1ZZ. "This is, in effect, a replacement for the Novice, but without an additional license class."



The Board also agreed to replace its originally proposed A, B, C, and D license class designations with Extra, Advanced, General, and Technician.

Under the July plan--and under the FCC's proposed streamlining--the entry-level HF license would be the General. Board members at the October 24 expressed concern that the leap to HF privileges under the July plan could prove too daunting, especially for younger newcomers. Under the ARRL plan, it would require passing two written examinations plus a 5 WPM code test to become a General. Some also were troubled about the growing gulf between the "traditional" HF operator and the newer VHF-only amateurs.

Addressing the Morse code requirement in the International Radio Regulations, Sumner summed up the Board's position by saying that the new privileges would amount to self-testing. "By their very nature, you can't use the privileges until you know the code," he said.

The special ARRL Board meeting was called to consider the League's comments on the FCC's amateur licensing "streamlining" proposals in Docket 98-143, released in August. Comments are due December 1. During the daylong session, the Board also proposed that the FCC rules ban multiple-choice Morse code tests and establish that a passing grade for a code test be either 70% correct answers to 10 fill-in-the-blank questions or one minute out of five of solid copy.

The Board affirmed its proposals in RM-9196 to improve the procedures for granting Morse code exam credit on the basis of a physician's certification of a disability. It also affirmed "its strong desire" that written exams be modified as necessary "to demonstrate better the depth of the applicant's current radio technical knowledge and operating skill."

The Board also reaffirmed its desire that Advanced class volunteer examiners be permitted to administer General class exams, and it renewed its request in RM-9115 for several rules changes involving RACES stations.

The Board noted that it had "heard and considered the views of thousands of ARRL members" on the amateur licensing issues raised in both the ARRL and FCC proposals.

Comments on the FCC's NPRM are due December 1. Reply comments are due January 15.

FCC ISSUES UNIVERSAL LICENSING SYSTEM RULES

The FCC has issued its long-awaited Report and Order on the Universal Licensing System, which affects all Wireless Telecommunications Bureau licensees. Among other things, the ULS will result in replacing Amateur Radio's familiar FCC Form 610 series with a new Form 605. The new rules become official 60 days after publication in The Federal Register sometime around the end of the year. The FCC said it expects to have the ULS fully operational by next April. Using the ULS, applicants and licensees will be able to file, modify, and renew electronically.

The FCC's action consolidates approximately 40 existing forms into four ULS applications, including the new Form 605. Electronic filing in the ULS will not yet be mandatory for individual amateurs. Hams will have the option of filing electronically or on paper. However, electronic filing via the ULS will be required for Volunteer Examiner Coordinators in the Amateur Service.

Under the ULS, amateurs will use Form 605, the Quick-Form Application for Authorization in the Ship, Aircraft, Amateur, Restricted and Commercial Operator, and General Mobile Radio Services for all purposes. Applicants may continue to use the old forms for six months after the new rules go into effect, however.

Responding to comments from the ARRL and the W5YI Group, the FCC said it would include the Physician's Certification of Disability (Physician's Certification) on the new Form 605 in Part 2 of Schedule D.

As part of its Report and Order on the ULS, the FCC also issued amended rules (in WT Docket 96-188) to authorize visiting foreign hams to operate in the US pursuant to recent international reciprocal operating agreements. "We conclude that all alien amateur radio reciprocal operation should be authorized by rules," the FCC said. This means that foreign hams holding a CEPT radio-amateur license from a CEPT country or an International Amateur Radio Permit issued by a participating CITEL country may operate while visiting the US without having to apply for permission. Additionally, it will be easier for US hams to operate in participating countries in Europe and the Americas.

Against ARRL objections, the FCC eliminated the one-year term for an alien reciprocal permit and will not require an FCC license document. The FCC noted that the new system is similar to the one already in place for US and Canadian hams to operate in each other's countries. The authority would not extend to US citizens claiming second citizenship and an amateur license from another country, however.

The FCC said it will require the submission of a Taxpayer Identification Number by applicants and licensees using ULS, "consistent with the requirements of the Debt Collection Improvement Act of 1996." Some commenters, particularly amateur operators, argued against the requirement, saying that disclosure of a TIN--typically a Social Security Number--raised privacy concerns and was unnecessary to the Commission's regulatory goals. But, the FCC said its security measures will limit access to TIN data both online and to FCC staff. "Once data has been entered into ULS, sensitive data such as TINs will not be accessible to the public," the FCC said. The FCC has not addressed how it plans to handle applicants who do not have a TIN, such as foreign nationals who hold FCC licenses.

The FCC stood by its plan to use certain eligible private-sector entities, on a strictly voluntary basis, to issue club and military recreation station call signs.

2000 METERS AND UP? ARRL PETITIONS FOR LF BANDS

The ARRL has petitioned the FCC to create two low-frequency Amateur Radio allocations at 136 kHz and at 160 kHz. "These allocations will permit experimentation with equipment, antennas, and propagation phenomena in a small segment of the radio spectrum that has not been available to the Amateur Service for many years," the League's petition declared. The petition was filed with the FCC October 22.

Specifically, the League has proposed permitting CW, SSB, RTTY/data, and image emissions for amateurs in a 2.1-kHz "sliver band" from 135.7 to 137.8 kHz and in a 30-kHz segment from 160 to 190 kHz. The 135.7 to 137.8 kHz band adheres to the European Conference of Postal and Telecommunications Administrations (CEPT) band plan.

The ARRL has proposed allowing a transmitter output in both LF segments of 200 W PEP, but in no case greater than 2 W EIRP (effective isotropic radiated power). The League's petition points out that poor antenna efficiencies and ground-loss characteristics likely would keep EIRPs at less than 1 W. The two bands would be available to General and higher licensees.

Unlicensed experimenters--some of them hams--currently operate on LF in the US under the FCC's Part 15 rules. These limit transmitter input power to 1 W and impose substantial restrictions on the size of the antenna. The proposed allocations "will provide the only low-frequency allocation for amateur use and will accommodate more flexible experimentation than is permitted under current Part 15 regulations," the League's filing said.

Hams would be secondary to the Fixed and Maritime Mobile services in the 136-kHz allocation, and secondary to the Fixed Service in the 160-190 kHz band. The League said its engineering surveys suggest that hams could operate in the two segments without causing problems to power line carrier (PLC) systems already active in that vicinity or to government assignments. Unallocated, Part 15 PLC systems are used by electric utilities to send control signals, data and voice.

Calculations included with the League's filing demonstrate how inefficient even relatively large radiators can be on LF (136 kHz is approximately 2205 meters). For example, at 200 W TPO (transmitter power output) and a 200 foot vertical radiator, efficiency is only in the range of 1%, yielding up to 2 W EIRP. A more practical setup--200 W TPO into a 100-foot vertical radiator (efficiency of 0.2%) would yield an EIRP of between 100 and 400 mW.

Several countries throughout the world already enjoy LF allocations. These include New Zealand, Great Britain, the Republic of Ireland, and several European nations.

The article "Exploring 136 kHz" by Peter Dodd, G3LDO, appears in the November 1998 issue of QST. It discusses practical equipment and an antenna system for the allocation. Dodd also is the editor of the LF Experimenter's Source Book (2nd ed) published by the RSGB and available from the ARRL for $14. Order Item 7148

FCC LEVIES HEFTY FINE ON JERSEY HAM

The FCC has levied a $7500 fine on a New Jersey ham who interfered with a net operation on 40 meter SSB. James C. Thompson, KA2YBP, of Waretown also was ordered off 40 meters until further notice after the October 18 incident. The case against Thompson, 58, stemmed from interference complaints from other amateurs, including the Association of North American Radio Clubs (ANARC), which conducts a Sunday morning net on 7240 kHz.

The FCC charged Thompson with illegally retransmitting programs from a Standard Broadcast (AM) station on 40 meters and willfully interfering with the net. The FCC also said Thompson failed to properly identify.

The FCC issued an Official Notice of Violation October 21. In replying to the NOV, Thompson admitted the violations, the FCC said November 9. "Applying the Forfeiture Policy Statement and statutory factors to the instant case, we have determined that a monetary forfeiture in the amount of $7,500 is warranted," the FCC's notice said. Thompson has 30 days to pay the fine or appeal it.

The Thompson case marked the Commission's first amateur enforcement action since the FCC announced it would consolidate amateur enforcement within the Compliance and Information Bureau. The CIB's legal advisor for enforcement, Riley Hollingsworth, K4ZDH, says he's spoken with nearly 100 individuals about enforcement complaints or issues since the FCC's latest enforcement initiative began. The FCC expects additional amateur enforcement cases to develop as a result of calls to the Amateur Enforcement Line, 202-418-1184.

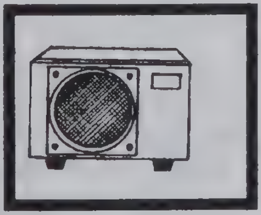
FCC SHUTS DOWN FOUR HF PIRATE

The FCC has shut down four unauthorized HF broadcasters in Massachusetts, Illinois, Texas, and California. The stations all transmitted on 6955 kHz. Two of the operators are radio amateurs, according to an FCC spokesperson, who said the ham licenses "are definitely in jeopardy." The two hams were identified as 41-year-old Richard F. Jurrens, KC5RGK, a Technician licensee who lives in Katy, Texas, and 46-year-old Henry Lee &quot;Hank&quot; Landsberg, WB6MEU, an Advanced class licensee who lives in Sierra Madre, California. The names of the others cited were being withheld pending further official action.

In making the busts, the FCC's Columbia, Maryland, Operations Center coordinated and provided information to FCC agents from the Boston, Chicago, Houston and Los Angeles offices. FCC inspectors from those offices then performed on-site visits to the unauthorized stations.

With the exception of certain low-power Part 15 devices, broadcasting on the HF bands is not authorized without a station license. Under the Communications Act, violators may be subject to penalties up to $11,000 and the equipment used may be seized and forfeited by court order. Unlicensed operators also face criminal fines of up to $100,000 and/or imprisonment for up to one year, or both, for a first time offense

DRAKE ENDS FACTORY SERVICE FOR OLDER GEAR



R. L. Drake Company has announced it no longer will provide factory service for most of its older Amateur Radio and marine equipment. The list includes much--but not all--of the popular 4-Line equipment.

Veteran Drake Service Manager Bill Frost, WD8DFP, says it's getting harder to get parts for the older Drake units. "The big switches, you can't buy those things anymore," he said this week. "The big electrolytics are not available."

Frost, who's been with Drake for 32 years, said his department has "reached a point where we cannot service the older products in the manner to which our customers have become accustomed." Technicians familiar with the older, mostly tube-type gear also are in short supply these days. "Our technical expertise on the older equipment has gradually been diminished by the loss of long-time employees due to retirement," Frost said. He also said the cost of repairs can easily exceed the cost of the equipment.

The company has posted a list on its Web site at http://wwww.rldrake.com/tech/Outofservice.html of items that it no longer can service. The list includes The R-4 and R-4A receivers, the popular T-4X, XB, and XC HF transmitters, and the TR-3 and TR-4 transceivers, as well as most of the power supplies for those units, the SSR-1 receiver, and the TR-22, 22C and TR-33C 2-meter transceivers. Items on the list and sent to Drake for repair will be returned to the sender unrepaired accompanied by a bill for shipping, handling, and applicable COD fees.

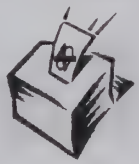
Frost said Drake is still servicing "to an extent," the R-4B and R-4C receivers as well as the TR-5 and TR-7 transceivers. The company also still will provide factory repair service for the L-4, L-4B and L-7 linear amplifiers.

Drake says its supply of unique parts is limited, but it still might be able to supply individual owners with needed parts for do-it-yourself repairs. Frost encouraged Drake owners to call or write if they have any questions about repair or service of a particular piece of equipment--even if it's already on the list.

Call Frost at 513-746-4556 or e-mail him at Bill_Frost@rldrake.com. Frost's mailing address is Bill Frost, R.L. Drake Co, Service Dept, 230 Industrial Dr, Franklin, OH 45005.

BALLOTS COUNTED IN ARRL BOARD RACES

Incumbent vice directors won their races in the New England and Northwestern divisions. In the Northwestern Division, Greg Milnes, W7AGQ, defeated Mary E. Lewis, W7QGP, for a two-year term by a vote of 2930 to 1609.



In the Northwestern Division, re-elected for a two-year term: Director Mary Lou Brown, NM7N, of Anacortes, Washington.

FCC SETS ASIDE FOUR EXTRA CLASS GRANTS

The FCC has notified four individuals that it is setting aside their recent Extra Class license grants and privileges while it investigates alleged irregularities in the volunteer examination process. Letters from the FCC went out November 10 to Elmer J. Smith, N3UNR, of Effort, Pennsylvania; Philip DiGenova, N3UNS, of Bartonsville, Pennsylvania; Wayne S. Bowden, AA3RT, of Millsboro, Delaware; and Kenneth L. Sharp, AA3RU, of Boyertown, Pennsylvania, that the Commission was setting aside their Extra Class grants. All four individuals were requested to return their Extra Class license documents and Certificates of Successful Completion of Examination (CSCEs) to the FCC's Gettysburg office.

"This letter is not a finding that you have engaged in misconduct" the letter said, adding that if the FCC's investigation concludes that it should grant the Extra Class license applications, it will reinstate the grants.

An FCC official said the investigation was looking into testing irregularities including allegations that examinees might have been coached or given test answers. "They are bumped back for now while we investigate, since we had enough evidence at the outset to do that," he said.

For the time being at least, Smith and DiGenova have been bumped back to Technician class licensees, while Sharp will revert to Advanced class and his former N3TPN call sign. All three took their examinations October 6 at a W5YI-VEC session in Warminster, Pennsylvania. Bowden apparently never held a ham ticket prior to taking the examination elements for Extra Class at Spring City, Pennsylvania, on October 4 during a W5YI-VEC testing session. The call sign AA3RT no longer appears in the FCC database. The records of the other three amateurs involved were modified November 10.

THEY'RE BAAAACK!!!

US-made 3-500Z and 4-400A/C tubes: Triton Services of Easton, Pennsylvania--which acquired the EIMAC Glass Tube Division (and the original equipment and technology) a couple of years ago--now is producing 3-500Z and 4-400A/C tubes to the original EIMAC specs. These are available exclusively through D&C Electronics, 3089 Deltona Blvd, Spring Hill, FL 34606; tel 800-881-2374; 352-688-2374; fax 352-683-9595; web site http://www.dandcelectronics.com. (D&C also can supply 811A, 572B and other tubes, made in China and Russia.)

RADIO CLUB OF TACOMA

W7DK

CLUB 'EQUIPMENT FOR LOAN' LIST

RCT/SN	ITEM	MOD	SN	MANF.	MISC.INFO
0001	6-Meter Trans.	551	9401211	ICOM	W/mike,vox,power crd.
0002	P.A. Syst.	MPA-35			W/2-speakers & D-4 mike
0003	Transverter	160 xv	1012	DENTRON	
0004	HF-Transceiver	753	F1800	EICO	
0005	2-M Transceiver	13-505	30869	MIDLAND	w/manual/mike/pwr.crd
0006	HF-Atlas	210-x	3457-th	ATLAS	w/manual no mike
0007	Power Supply	LXS-D-12	E44060	LAMBDA	P/115vac 5/to/16 vdc
0008	COMPUTER	PLU-386	1402030758	COMPAQ	"complete unit"
0009	HF-Transceiver	FT-301-D		YAESU	"complete station" ie,
0009-A		FP-301			Power supply
0009-B		FV-301			Fix-chan. VFO
0009-C		FC-301		"	Antenna tuner
0009-D		YO-301		"	Monitor scope
0009-E		LL-301		"	Phone/Patch LL
0010	Audio Analyzer	IM22		HEATH-K	
0011	Power Supply	115 vac P	11144	EICO	6vdc/20A 12vdc/10A
0012	Audio OSCILLATOR	WA-54A	528	RCA	
0013	Scope	435	4095	EICO	
0014	Vac-Tube volt/meter	5685		HEWLETT-PACKARD	
0015	Capacitor/res.analyzer	10819			
0016	Dummy Load/Watt	YP-150	904992	YAESU	50 ohm/ 150 watt

Compiled By RCT Equipment Custodian AL CHURCHILL, KC7YGC

In Memory of

Harold K Sanders
KA7MZA

Harold, a member of the Radio Club of Tacoma, 74 born September 28, 1924 in Clarksville, Arkansas, became a silent key November 10, 1998. He moved to Tacoma in 1946 after serving in the Navy During World War II.

Harold was employed by Washington Natural Gas Company for 35 years. He also owned and operated Harold Supply Company. Retirement came in 1989 and he spent the majority of this time doing his favorite hobby, ham radio.

Harold met and married Beulah M Dearinger, his wife of 50 years, in 1948. His life was forever changed as he became the father of 11 children. He left a wonderful legacy of kindness and hard work for his family. He will forever be remembered by his children for his unselfishness and love. Survivors include his wife Beulah and their children: James, Robert, Richard, Dorothy, David, Karen, Barbara, Steven; and 13 grandchildren. He is preceded by sons Kenneth, Raymond, and William.

Harold's career included the logging industry, CC Camp, Navy in communications, Navy again in the Korean Conflict, special investigator for the federal government, insurance investigator, inventory supervisor, and operating his own business.

Harold has helped many club members and non-club members in learning the Morse code. He has assisted quite a few Hams in learning Morse code and in attaining the 20WPM for the Extra Class License. Harold loved CW and would QSO with who ever wanted to have a conversation. He is one of the very few that QSO with one station for up to three and a half hours. He always sent perfect CW ! Those of you who have worked KA7MZA know what I mean.

Farewell

Harold you did something wonderful and significant for some of us hams. Some of us would never had the pleasure to enjoy Morse code if it weren't for your many hours of encouragement, dedicated practice on the air, and willing to go the extra mile to assure that we upgraded our amateur licenses. Your CW was always perfect !

All the great coffee breaks we have had during the many years with our core group, you, Michael, Jerry, me, and on occasion we would invite other hams to join us. And all the great ice cream Sundays we did one summer when we both tipped the scales at way over 200 pounds.

All the corn bread and soups we ate on the run, I was never sure if you liked my cooking because you never said a word, until one day Beulah asked how I made the soups, what I put in the soups, because you wanted Beulah to duplicate the taste.

The times we installed the antennas on your steep roof hanging by our toes, climbing on and off the steep roof trying to get the SWR just right. These were some of the fond memories.

Harold, I am fortunate to be a little part of your family. Observing Stevie and Barbara grow up, watching you being grandpa to Rye-Rye. Then as the years passed, meeting and knowing the rest of your children, Jim, Bobby, Ricky, Dorothy, David, Karen, and Billy. Those were great times.

Harold, you are one of few people that I know that can hold down two separate jobs and still talk on the radio all night and be ready for work the next morning. What energy !

Harold you are a good buddy and friend to many of us, you are kind, thoughtful, eager to help, go the extra mile, always there for us with boundless energy, a sense of humor, modest, unassuming.

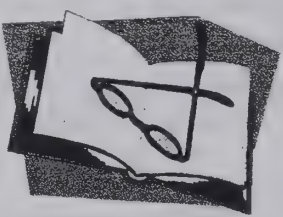
Harold, we will miss the sparkle in your bight eyes and great smile. We will miss your kind words, great advice, a level of energy that was highly contagious, your humor. We will miss all the great talk, conversation, the sharing of ideas, the great coffee breaks and ice cream sundays at Denny's. Harold, we are so fortunate in having known you, blessed with such good rich memories, fortunate to be a part of your family, and you made a difference in so many of our lives. In fact, now that I think about it, this is the only one-sided qso I've ever had with you.

On behalf of all the hams that you have qso with, 73's OM, may you be blessed with 599 signals and no QRM.

Harry, N7DOE

Amateur Radio Exams

in the Puget Sound Region as of June 17, 1998



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Saturday - 1 PM - Boeing **Kent** Rec. Center, 22649 83rd Ave So, Room "C", - Contact Rick Antes, KF7VG, 425-277-2220, Des Moines

2nd Tuesday - 6:30 PM - **Everett** - Sno-Isle Skills Center - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 425-355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Mike Dinkelman, WA7UVJ, 253-854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 360-793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 360-652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

4th Saturday - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 425-335-5258, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, 222 Columbia North - Contact John Steele, AA7WX, 360-491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652

Editor's Notes

E-Mail address:
kathleen@naceplace.com

Please note NEW E-MAIL ADDRESS —
kathleen@naceplace.com

Thank you all for your participation over the last year. That is what makes a viable organization. We will all be looking forward to the activities of the club for 1999. I hope that we can participate in at least some of the activities. As with any organization, there are many small but very necessary jobs to be done. So, if you see something that needs to be done, jump in and have at it!

Roger and I wish you the many blessings and joys of this Christmas season and a bright new year!

Kathleen, N0EYK

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $36, XXL ARE $40 AND XXXL ARE $43.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!

Happy Holidays!

RADIO CLUB OF TACOMA DUES RENEWAL FORM

RCT BYLAWS SECTION TWO - MEMBERSHIP FEES AND ASSESSMENTS

(B) DUE DATE. Membership shall commence with the tender of a properly completed application and appropriate fee to any club officer. Annual membership dues will be paid in advance, in total on or before December 31 of each year. Renewal notice may be provided in the club newsletter. Dues not received by March 31 of the current membership year shall be considered in arrears at which point membership and all rights and privileges therein will be terminated without further notice.

In order for our records to be as accurate as possible, please fill in the following information even if you feel there is nothing different for you that we may already have on record.

MEMBERSHIP TYPE: FULL ☐ SENIOR ☐ ASSOCIATE ☐ STUDENT ☐

NAME ______________________________ CALL ______________

ADDRESS ____

CITY ____________________ STATE ________ ZIPCODE + 4 ______________

E-MAIL ADDRESS ______________________________________

TELEPHONE(PLEASE INCLUDE AREA CODE) ______________________

ARRL MEMBER ☐ YES ☐ NO LICENSE CLASS ______________

☐ FAMILY MEMBER:

NAME ______________________________ CALL ______________

LICENSE CLASS ______________________

NAME ______________________________ CALL ______________

LICENSE CLASS ______________________

NAME ______________________________ CALL ______________

LICENSE CLASS ______________________

FULL(regular membership for licensed amateurs)	$20.00 ($30.00 EFFECTIVE JANUARY 1, 1999)
SENIOR(65 YEARS OR OVER)	$16.00 ($25.00 EFFECTIVE JANUARY 1, 1999)
FAMILY(spouses and dependents living in same household as full member)	$4.00 per person ($15.00 EACH FOR FIRST TWO FAMILY MEMBERS, ABOVE TWO NO EXTRA CHARGE EFFECTIVE JANUARY 1, 1999)
ASSOCIATE(interested persons not licensed as an amateur—has no vote)	$20.00 ($30.00 EFFECTIVE JANUARY 1, 1999)
STUDENT(available to Full or Associate up to age 25 attending school full time)	$10.00 ($15.00 EFFECTIVE JANUARY 1, 1999)
LIFE(available to Full or Associate or Family members--dues are 20 times the appropriate membership fee—see bylaws for further payment options)	$400.00(full or associate) ($600.00 EFFECTIVE JANUARY 1, 1999) $80.00(per family member) ($300.00 EFFECTIVE JANUARY 1, 1999)

Send completed form with payment to Radio Club of Tacoma P.O. Box 11188
Tacoma WA 98411-0188 or bring to any meeting and give to the club Treasurer.

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BOX IN FRONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE URGENTLY NEED YOUR HELP AND SUPPORT, PLEASE CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT.

- ☐ AWARDS BANQUET
- ☐ FIELD DAY
- ☐ FLEA MARKET
- ☐ BOOTH AT THE WWA FAIR
- ☐ SWEEPSTAKES IN NOVEMBER
- ☐ MIKE AND KEY FLEA MARKET
- ☐ VE TEAM
- ☐ LOGGER'S BARK MAILING PARTIES
- ☐ TEACHING CLASSES
- ☐ SCOUTS JAMBOREE IN OCTOBER
- ☐ OTHER MISC CONTESTS
- ☐ N KITSAP FLEA MARKET

LIBRARY OF
THE RADIO CLUB
OF TACOMA
W7DK FOUNDED 1916